VPAT Accessibility Conformance Report

(Based on ITI VPAT©)

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| **Name of Product** | **Reaxys** |
| **Date Last Updated** | **December 3rd, 2024** |
| Completed by | Madison Russell (Digital Accessibility Team) |
| **Applicable Standards/Guidelines** | This document rates Reaxys according to the W3C WCAG 2.1 A and AA requirements. |
| **Contact for More Information** | Elsevier Digital Accessibility Team [accessibility@elsevier.com](mailto:accessibility@elsevier.com?subject=Accessibility%20and%20ScienceDirect) |
| **Testing Tools and Methods** | **Hands-on keyboard operation Firebug/Code inspection JAWS 17 on Chrome V 108 on Windows 10 NVDA screen reader v2022.1 Wave Extension aXe Extension for Chrome**  **Color Contrast Analyzer W3C WAI Pages** Elsevier Accessibility Checklist: <http://romeo.elsevier.com/accessibility_checklist/> |
| **Document Sections** | The review document below includes all WCAG 2.1 A and AA checkpoints and is organized into 6 logical sections:   * Visuals * Keyboard * Headings and Structure * Labeling * Multimedia * Usability |
| **Pages Covered** | Sign In, Header, Footer, Quick Search, Quick Search Results, Query Builder, Document Results, Substances Results, Preparations, Reactions Results, Targets Results, Retrosynthesis, History, Structure Editor, Feedback, Resource Center |
| **Terms** | * **Supports: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.** * **Partially supports: Some functionality of the product does not meet the criteria.** * **Does not support: Majority of functionality of the product does not meet the criteria.** * **Supports (N/A): According to W3C on conformance, "If there is no content to which a success criterion applies, the success criterion is satisfied."** |
| **Notes/Terminology** | **“AT” stands for Assistive Technology such as screen readers, voice input, etc.** |

| **WCAG 2.1 Success Criterion** | **Level** | **Evaluation** |
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| 1.1.1 Non-text Content | A | Partially supports |
| 1.2.1 Audio-only and Video-only (Prerecorded) | A | Supports (N/A) |
| 1.2.2 Captions (Prerecorded) | A | Supports (N/A) |
| 1.2.3 Audio Description or Full Text Alternative | A | Supports (N/A) |
| 1.2.4 Captions (Live) | AA | Supports (N/A) |
| 1.2.5 Audio Description | AA | Supports (N/A) |
| 1.3.1 Info and Relationships | A | Partially supports |
| 1.3.2 Meaningful Sequence | A | Supports |
| 1.3.3 Sensory Characteristics | A | Supports |
| 1.3.4 Orientation (2.1) | AA | Supports |
| 1.3.5 Identify Input Purpose (2.1) | AA | Partially supports |
| 1.4.1 Use of Color | A | Partially supports |
| 1.4.2 Audio Control | A | Supports (N/A) |
| 1.4.3 Contrast (Minimum) | AA | Partially supports |
| 1.4.4 Resize text | AA | Partially supports |
| 1.4.5 Images of Text | AA | Supports |
| 1.4.10 Reflow (2.1) | AA | Partially supports |
| 1.4.11 Non-Text Contrast (2.1) | AA | Partially supports |
| 1.4.12 Text Spacing (2.1) | AA | Supports |
| 1.4.13 Content on Hover or Focus (2.1) | AA | Supports |
| 2.1.1 Keyboard | A | Partially supports |
| 2.1.2 No Keyboard Trap | A | Partially supports |
| 2.1.4 Character Key Shortcuts (2.1) | A | Supports (N/A) |
| 2.2.1 Timing Adjustable | A | Supports |
| 2.2.2 Pause, Stop, Hide | A | Supports |
| 2.3.1 Three Flashes or Below Threshold | A | Supports (N/A) |
| 2.4.1 Bypass Blocks | A | Does not support |
| 2.4.2 Page Titled | A | Supports |
| 2.4.3 Focus Order | A | Partially supports |
| 2.4.4 Link Purpose (In Context) | A | Supports |
| 2.4.5 Multiple Ways | AA | Supports |
| 2.4.6 Headings and Labels | AA | Supports |
| 2.4.7 Focus Visible | AA | Partially supports |
| 2.5.1 Pointer Gestures (2.1) | A | Supports (N/A) |
| 2.5.2 Pointer Cancellation (2.1) | A | Supports |
| 2.5.3 Label in Name (2.1) | A | Supports |
| 2.5.4 Motion Actuation (2.1) | A | Supports (N/A) |
| 3.1.1 Language of Page | A | Supports |
| 3.1.2 Language of Parts | AA | Does not support |
| 3.2.1 On Focus | A | Supports |
| 3.2.2 On Input | A | Supports |
| 3.2.3 Consistent Navigation | AA | Supports |
| 3.2.4 Consistent Identification | AA | Supports |
| 3.3.1 Error Identification | A | Supports (N/A) |
| 3.3.2 Labels or Instructions | A | Partially supports |
| 3.3.3 Error Suggestion | AA | Supports |
| 3.3.4 Error Prevention (Legal, Financial, Data) | AA | Supports (N/A) |
| 4.1.1 Parsing | A | Supports |
| 4.1.2 Name, Role, Value | A | Partially supports |
| 4.1.3 Status Messages (2.1) | AA | Supports |

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| **Visuals** | | |
| **WCAG 2.1**  **Checkpoint** | **Supporting Features** | **Remarks** |
| [1.1.1: Non-Text Content](http://www.w3.org/TR/WCAG20/#text-equiv-all) (A) Provide text alternatives for non-text content (e.g. images) | Partially supports | Reaxys does not contain a lot of non-text content and most non-text content provides text alternatives.  **Exceptions:**  Preparations: Transfer to retrosynthesis image has no alt text  Reactions Results: Arrow image under Transfer to Retrosynthesis does not have alt text  Retrosynthesis: Project View arrow does not have alt text |
| [1.3.3: Sensory Characteristics](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding) (A) Do not rely on sensory characteristics of components such as shape, size, visual location, orientation, or sound | Supports | Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound. |
| [1.4.1: Use of Color](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) (A) Color is not used as the only visual means of conveying info | Partially supports | Most content on Reaxys does not use color only to convey meaning.  **Exceptions:**  Global: use of color only to indicate links (blue text color)  Quick Search Results: color only is used in the druglikeness chart  Query Builder: periodic table uses color only to indicate type of element |
| [1.4.3: Color Contrast (Minimum)](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) (AA) Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text) | Partially supports | Most text within Reaxys has a color contrast of at least 4.5:1.  **Exceptions:**  Quick Search: “Search for” text has a contrast ratio of 1.8:1  Quick Search Results: “Results for” text has a contrast ratio of 1.8:1, Commercial Substances light grey text (“Please take a moment…”) has a text color contrast of 3.5:1, Commercial Substances table headings have a color contrast ratio of 3.5:1, Substances Identification light grey text (“Chemical Names: “, etc) have a text contrast ratio of 3.5:1, Substances Patent-Specific Data table headers have a color contrast ratio of 3.5:1, Substances Druglikeness table row headings have a contrast ratio of 3.5:1, Substances Bioactivity (All) In vitro table headings have a contrast ratio of 3.5:1  Query Builder: When receiving focus filter category text has a contrast ratio of 2.2:1  Substances Results: Druglikeness row headers have a contrast ratio of 3.5:1, Identification row headers have a contrast ratio of 3.5:1, Commercial Supplier “Please take a moment…” text has a contrast ratio of 3.5:1, Commercial Suppliers table headings text have a contrast ratio of 3.5:1, Bioactivity visualization blue #1 marker has a contrast ratio of 2.6:1,  Preparations: Table headings have a contrast ratio of 3.5:1  Retrosynthesis: “My synthesis projects” has a contrast ratio of 3.2:1, “Predicted” text has a contrast ratio of 3.5:1, “Marvin JS” text has a contrast ratio of 1.8:1, My Synthesis Projects table headers have a contrast ratio of 3.5:1, Project View table headers have a contrast ratio of 3.5:1, Tree View table headers have a contrast ratio of 3.5:1  History: “Recent” and “Saved” orange text has a contrast ratio of 2.6:1  Header: Orange text has a contrast ratio of 2.8:1 |
| [1.4.4: Resize Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) (AA)  Text can be enlarged up to 200% without loss of functionality. | Partially supports | Text can be enlarged up to 200% on most pages without loss of functionality.  **Exceptions:**  Query Builder: Import dialog cannot be properly viewed when magnified |
| [1.4.5: Images of Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) (AA) Text is used rather than images of text, except where the presentation of text is essential, such as logos | Supports | Reaxys pages do not contain images of text. |
| [1.4.10 Reflow](https://www.w3.org/TR/WCAG21/#reflow) (AA) (2.1) Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:  Vertical scrolling content at a width equivalent to 320 CSS pixels;  Horizontal scrolling content at a height equivalent to 256 CSS pixels. | Partially supports | Most Reaxys content can be presented without loss of information and functionality and without requiring scrolling in two dimensions when magnified.  **Exceptions:**  Reactions Results: Structure zoom-in requires scrolling in two dimensions when magnified  Retrosynthesis: Structure View in 3D requires scrolling in two dimensions when magnified |
| [1.4.11 Non-Text Contrast](https://www.w3.org/TR/WCAG21/#non-text-contrast) (AA)  (2.1) User interact components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s). | Partially supports | Overall Reaxys provides good contrast between graphical objects and backgrounds.  **Exceptions:**  Global: Light grey text color used throughout has a contrast ratio of 3.5: (rbga(83,86,90,.7), radio button and checkbox fill color has a contrast ratio of 2.8:1  Quick Search: border of search input has a contrast ratio of 1.2:1  Preparations: buttons (“Create synthesis plan”, “zoom in”, etc) have a contrast ratio of 2.9:1  Retrosynthesis: checkboxes have a contrast ratio of 1.7:1, My Synthesis Projects buttons (“zoom in, “see details”, etc) have a color contrast of 2.9:1, My Synthesis Projects checkboxes have a contrast ratio of 2:1, Tree View checkboxes have a contrast ratio of 2:1, Tree View export reactions radio buttons have a contrast ratio of 2:1, Tree View outline of structure has a color contrast ratio of 2.3:1, Export Reactions radio buttons have a contrast ratio of 2:1  Structure Editor: Radio buttons have a contrast ratio of 1.9:1  Feedback: Close button has a contrast ratio of 1.6:1 |
| [1.4.12 Text Spacing](https://www.w3.org/TR/WCAG21/#text-spacing) (AA)  (2.1)  In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all the following and by changing no other style property:  Line height (line spacing) to at least 1.5 times the font size;  Spacing following paragraphs to at least 2 times the font size;  Letter spacing (tracking) to at least 0.12 times the font size;  Word spacing to at least 0.16 times the font size. | Supports | All text-based CSS settings within Reaxys can be changed to certain minimum values without loss of content or functionality. |
| [1.4.13 Content on Hover or Focus](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (AA)  (2.1)  Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:   * Dismissable * Hoverable * Persistent | Partially supports | Most content that displays on hover or focus is dismissible, hoverable, and persistent.  **Exceptions:**  Quick Search Results: Commercial Substances button tooltips pointer cannot move to tooltip text without disappearing (hoverable), Substances button tooltips pointer cannot move to tooltip text without disappearing (hoverable) |
| [2.3.1: Three Flashes or Below Threshold](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) (A) No more than three flashes in a 1-second period, or the flashes are below the defined thresholds | Supports (N/A) | Reaxys does not contain flashing content. |
| **Keyboard** | | |
| **WCAG 2.1**  **Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.2: Meaningful Sequence](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) (A)  The correct reading sequence can be programmatically  determined | Supports | The correct reading sequence can be programmatically determined on all Reaxys pages. |
| [2.1.1: Keyboard](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) (A)  All functionality is available from a keyboard, except for tasks such as drawing | Partially supports | Overall Reaxys provides keyboard access to most of the interactive links and buttons.  **Supporting Remarks:**  The majority of buttons and links are keyboard operable, along with the navigation.  **Exceptions:**  Quick Search: import browse file button is not keyboard accessible  Quick Search Results: Number of suppliers tooltip is not keyboard accessible, Commercial Substances CAS Registry Number tooltip is not keyboard accessible, Substances “View in 3D” buttons are not keyboard operable (“zoom in”, “zoom out” etc), Substances “View in 3D” structure not keyboard operable (cannot select elements and move them with keyboard only), Documents Index Terms hit and Abstract hit cannot be expanded via keyboard  Reactions Results: “Find similar” tooltip is not accessible by keyboard when button is unavailable but is accessible with mouse, Search tooltip “Edit search in query builder” is not keyboard accessible  Retrosynthesis: Predicted and Published information tooltips are not keyboard accessible  Resource Center: entire pop-up inaccessible for keyboard users, cannot open using keyboard |
| [2.1.2: No Keyboard Trap](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) (A)  The user can use the keyboard to move through page elements and is not trapped on a particular element | Partially supports | There are no keyboard traps on most pages in Reaxys.  **Exceptions:**  Retrosynthesis: Keyboard trap after tabbing through ChemDrawJS buttons |
| [2.1.4 Character Key Shortcuts](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (A)  (2.1)  If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:   * Turn off * Remap * Active only on focus | Supports | Reaxys content does not have any keyboard shortcuts using single keys. |
| [2.4.3: Focus Order](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) (A)  Users can tab through the elements of a page in a logical order | Partially supports | Reaxys users can mostly tab through the interface in a logical order, where elements receive focus from top to bottom, left to right.  **Exceptions:**  Quick search: focus jumps from header to footer before moving to the main content  Quick Search Results: Entire result (substances, documents, etc) should not receive focus as it is not interactive  Query Builder: Advanced Search close button does not receive focus, “Save” should not be in the tab order when unavailable, number of results for molecular formula receives focus but is not interactive  Structure Editor: Undo and redo buttons should not be in the tab order when they are unavailable |
| [2.4.7: Focus Visible](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) (AA)  The page element with the current keyboard focus has a visible focus indicator | Partially supports | Most page elements have a visible focus indicator.  **Exceptions:**  Quick Search Results: Documents Index Terms hit does not have a visible focus indicator, Documents Abstract hit does not have a visible focus indicator  Structure Editor: As Drawn and edit buttons do not have a visible focus indicator |
| [3.2.1: On Focus](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) (A)  When a UI component receives focus, this does not trigger unexpected actions. | Supports | UI components on Reaxys do not trigger unexpected actions when receiving focus. |
| **Headers and Structure** | | |
| **WCAG 2.1**  **Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.1: Information and Relationships](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) (A)  Info, structure, and relationships can be programmatically determined | Partially supports | On most pages, information, structure, and relationships can be programmatically determined.  **Exceptions:**  Query Builder: page should contain an H1 heading, search field headings should not skip a level and should be H2  Documents Results: Headings skip levels, Number of documents should be H1 and filters should be H2  Substances Results: Number of substances should be H1 rather than H3  Preparations: Number of reactions should be H1 rather than H3  Targets Results: Number of targets should be H1 rather than H3, “Filters” should be H2 heading  Retrosynthesis: “Cannot translate the name/ID you entered…” should not be a heading, Export Reactions skips heading levels and should be H1 rather than H4 |
| [2.4.1: Bypass Blocks](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) (A)  Users can bypass repeated blocks of content. | Does not support | “Skip to main content” link appears on all pages but does not skip header or footer on majority of pages  **Supporting remarks:**  Skip to main content link works on Structure Editor |
| [2.4.6: Headings and Labels](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) (AA)  Headings and labels are clear and consistent. | Supports | Reaxys pages have clear and consistent headings and labels |
| [3.1.1: Language of Page](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) (A)  The language of the page is specified | Supports | All pages on Reaxys have the language of the page specified, using lang=”EN”. |
| [3.1.2: Language of Parts](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) (AA)  Specify the language of text passages that are in a different language than the default language of the page. | Does not support | For content in a language other than English, the language of the part is not specified. |
| [4.1.1: Parsing](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) (A)  Use valid, error-free HTML | Supports | All page elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and IDs are unique. |
| **Labeling** | | |
| **WCAG 2.1**  **Checkpoint** | **Supporting Features** | **Remarks** |
| 1.3.5 Identify Input Purpose (AA)  (2.1)  The purpose of each input field collecting information about the user can be programmatically determined when:  The input field serves a purpose identified in the Input Purposes for User Interface Components section; and the content is implemented using technologies with support for identifying the expected meaning for form input data. | Partially supports | Most Reaxys pages do not contain input fields related to the user.  **Exceptions:**  Sign In: Username and password fields do not have an autocomplete attribute |
| [2.4.2: Page Titled](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) (A)  The page has a title describing its topic or purpose | Supports | Reaxys pages have specific titles, which describe the topic or purpose of the pages, other than the home screen. |
| [2.4.4: Link Purpose (In Context)](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) (A)  The purpose of each link can be determined from the link text or surrounding context. | Supports | Links have descriptive and unique names. |
| [2.5.3 Label in Name](https://www.w3.org/TR/WCAG21/#label-in-name) (A)  (2.1)  For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | Supports | UI components with labels that include text have an accessible name that includes that text. |
| [3.2.4: Consistent Identification](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) (AA)  UI components used across the web site are identified consistently on every page. | Supports | UI components are identified consistently and on every page. |
| [3.3.1: Error Identification](http://www.w3.org/TR/WCAG20/#minimize-error-identified) (A)  Input errors are clearly marked and described to the user. | Supports | Reaxys identifies input errors in a variety of ways including text which appears below form inputs, popups, and alerts. |
| [3.3.2: Labels and Instructions](http://www.w3.org/TR/WCAG20/#minimize-error-cues) (A)  Items requiring user input are clearly labeled or have clear instructions. | Partially supports | Most form inputs provide an accessible name using the <label> tag or aria-label.  **Exceptions:**  Document Results: Substances buttons (“Create synthesis plan”, “zoom in”, etc) do not have accessible names, checkboxes have no accessible names/labels  Substances results: “No of references” drop down has no accessible name, checkboxes have no accessible name/label  Preparations: checkboxes have no accessible name/label |
| [3.3.3: Error Suggestion](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) (AA)  When the user makes an input error, give suggestions for valid input. | Supports | Suggestions for valid input are clear and easy to understand. |
| [4.1.2: Name, Role, Value](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) (A)  For all UI components, the name, value, and role can be programmatically determined. | Partially supports | The name, role, and value can be programmatically determined for most UI components.  **Exceptions:**  Quick Search Results: Documents “Full Text” should be a link rather than a button, Substances Structure “as drawn” button does not have a label or accessible name, Substances buttons (“Create synthesis plan”, “shipping time”, etc) do not have button labels, Commercial Substances (“Create synthesis plan”, “zoom in”, etc) do not have button labels, Commercial Substances identification close button does not have an accessible name  Preparations: buttons (“Create synthesis plan”, “zoom in”, etc) do not have accessible names  Reactions results: Buttons (“Create synthesis plan”, “zoom in”, etc) do not have accessible names  Targets results: Buttons (“Create synthesis plan”, “zoom in”, etc) do not have accessible names  Retrosynthesis: My Synthesis Projects buttons (“Zoom in”, “see details”, etc) do not have accessible names, Tree View Published Route thumbnails should have a role of button rather than link  Structure Editor: As Drawn edit button does not have an accessible name |
| [4.1.3 Status Messages](https://www.w3.org/TR/WCAG21/#status-messages) (AA)  (2.1)  In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | Supports | Reaxys uses status messages to alert the user that a change was successful or that an error was made. |
| **Multimedia** | | |
| **WCAG 2.1**  **Checkpoint** | **Supporting Features** | **Remarks** |
| [1.2.1: Audio-only or Video-only (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) (A)  Provide alternatives for pre-recorded audio-only or video-only content. | Supports (N/A) | There is no pre-recorded audio-only or video-only content on the site. |
| [1.2.2: Captions (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-captions) (A)  Provide captions for pre-recorded audio | Supports (N/A) | There is no pre-recorded audio on the site. |
| [1.2.3: Audio Description or Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) (A)  Provide alternatives for pre-recorded synchronized audio/video | Supports (N/A) | There is no pre-recorded synchronized audio/video on the site. |
| [1.2.4: Captions (Live)](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) (AA)  Provide captions for live audio in synchronized audio/video. | Supports (N/A) | There is no live audio in synchronized audio/video. |
| [1.2.5: Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) (AA)  Provide an audio description of pre-recorded video. | Supports (N/A) | There is no pre-recorded video on the site. |
| [1.4.2: Audio Control](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) (A)  Audio can be paused and stopped, or the audio volume can be changed. | Supports (N/A) | There is no audio content on the site. |
| [2.2.2: Pause, Stop, Hide](http://www.w3.org/TR/WCAG20/#time-limits-pause) (A)  Users can stop, pause, or hide moving, blinking, scrolling, or auto-updating information. | Supports | Most pages do not have moving, blinking, scrolling, or auto-updating information. |
| **Usability** | | |
| **WCAG 2.1**  **Checkpoint** | **Supporting Features** | **Remarks** |
| [2.2.1: Timing Adjustable](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) (A)  Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended | Supports | Reaxys users are warned of time limits and time limits can be extended. |
| [2.4.5: Multiple Ways](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) (AA)  More than one way is available to navigate to other web pages. | Supports | There is more than one way to navigate to Reaxys Pages |
| [3.2.2: On Input](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) (A)  Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context. | Supports | Reaxys pages do not trigger unexpected changes in context when changing the setting of a checkbox, radio button, or other UI component. |
| [3.2.3: Consistent Navigation](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) (AA)  Navigation menus are in the same location and order on every web page. | Supports | Reaxys’s navigation menus are in the same location and order on every page. |
| [3.3.4: Error Prevention (Legal, Financial, Data)](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) (AA)  For web pages with legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted. | Supports (N/A) | No data submissions on the site require legal or financial commitments. No data submissions allow for a users’ profile to be deleted. |
| **Mobile User Experience** | | |
| **WCAG 2.1**  **Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.4 Orientation](https://www.w3.org/TR/WCAG21/#orientation)  (AA)  (2.1)  Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Supports | Content on Reaxys does not restrict to a single display orientation. |
| [2.5.1 Pointer Gestures](https://www.w3.org/TR/WCAG21/#pointer-gestures) (A)  (2.1)  All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | Supports (N/A) | Reaxys does not contain multipoint or path-based gestures. |
| 2.5.2 Pointer Cancellation (A)  (2.1)  For functionality that can be operated using a single pointer, at least one of the following is true:   * No Down-Event * Abort or Undo * Up Reversal * Essential | Supports | Reaxys allows for pointer cancellation. |
| [2.5.4 Motion Actuation](https://www.w3.org/TR/WCAG21/#motion-actuation)  (A)  (2.1)  Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:   * Supported Interface * Essential | Supports (N/A) | Reaxys does not contain motion actuation. |