

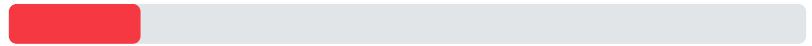


<https://www.hyphadiscovery.com/>

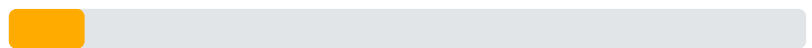
Report generated on Mar 13, 2024



12 Failed



7 Warnings



54 Passed



Common SEO issues

3 Failed

4 Warnings

18 Passed

! Meta Title Test

This webpage is using a title tag with a length of **73 characters**. While there's no target number of characters, titles should be descriptive and concise. We recommend using a title with a length **between 20 - 60 characters** in order to fit Google Search results that have a 600-pixel limit.

Text: Hypha Discovery - Experts in metabolite synthesis, purification and MetID
Length: 73 characters

! Meta Description Test

This webpage is using a meta description tag with a length of **130 characters**. We recommend using well-written and inviting meta descriptions with a length **between 150 and 220 characters** (spaces included).

Text: Hypha Discovery is a trusted CRO with expertise in metabolite synthesis, purification, structure elucidation and natural products.
Length: 130 characters



Google Search Results Preview Test

Desktop version

<https://www.hyphadiscovery.com/>

Hypha Discovery - Experts in metabolite synthesis,...

Hypha Discovery is a trusted CRO with expertise in metabolite synthesis, purification, structure elucidation and natural products.

Mobile version

<https://www.hyphadiscovery.com/>

Hypha Discovery - Experts in metabolite synthesis, purificati...

Hypha Discovery is a trusted CRO with expertise in metabolite synthesis, purification, structure elucidation and natural products.

✓ Social Media Meta Tags Test

This webpage is using social media meta tags.

Open Graph Meta Tags

og:locale	en_US
og:type	website
og:title	Hypha Discovery - Experts in metabolite synthesis, purification and MetID
og:description	Hypha Discovery is a trusted CRO with expertise in metabolite synthesis, purification, structure elucidation and natural products.
og:url	https://www.hyphadiscovery.com/
og:site_name	Hypha Discovery
og:image	https://www.hyphadiscovery.com/wp-content/uploads/2021/07/hp-circle-bg.png

Twitter Card Meta Tags

twitter:card	summary_large_image
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⦿ Most Common Keywords Test

There is likely no optimal keyword density (search engine algorithms have evolved beyond keyword density metrics as a significant ranking factor). It can be useful, however, to note which keywords appear most often on your page and if they reflect the intended topic of your page. More importantly, the keywords on your page should appear within natural sounding and grammatically correct copy.

38 metabolite 33 synthesis 27 hypha 23 website 20 metabolites

✔ Keywords Usage Test

The most common keywords of this webpage are distributed well across the important HTML tags. This helps search engines to properly identify the topic of this webpage.

Keyword	Title tag	Meta description	Headings
metabolite	✔	✔	✔
synthesis	✔	✔	✔
hypha	✔	✔	✔
website	✘	✘	✔
metabolites	✘	✘	✘



Keywords Cloud Test



Related Keywords Test

This URL is currently ranked in the top 20 organic Google listings for the search terms below:

- [drug discovery chemistry - 2023](#)
- [cyclopropyl group](#)
- [purification chemist](#)
- [drug discovery chemistry 2023](#)
- [glucuronides](#)
- [h y p h a](#)
- [hypha](#)
- [5 membered nitrogen containing ring](#)
- [acyl glucuronidation](#)
- [tert-butyl group](#)



⦿ Competitor Domains Test

This domain has an Authority Score of 17/100 while the Average Authority Score of top 100 sites is 89.5. Some of the most relevant competitors for this domain are listed below:

✔ Heading Tags Test

This webpage contains headings tags.

H1 tags

Hypha Discovery: Experts in Metabolite Synthesis Purification Structure elucidation Natural Products

H2 tags

This website uses cookies

[#IABV2_TITLE#]

Your trusted partner in pharmaceutical and agrochemical R&D

Ready to begin? Our scientists are available to talk through your requirements

✔ Robots.txt Test

Congratulations! Your site uses a "robots.txt" file.

<https://www.hyphadiscovery.com/robots.txt>

✔ Sitemap Test

This website has a sitemap file.

<https://www.hyphadiscovery.com/sitemap.xml>

https://www.hyphadiscovery.com/sitemap_index.xml

✔ SEO Friendly URL Test

All links from this webpage are SEO friendly.



! Image Alt Test

This webpage is using "img" tags with empty or missing "alt" attribute!

How to pass this test?

In order to pass this test you must add an **alt** attribute to every **** tag used into your webpage.

An image with an alternate text specified is inserted using the following HTML line:

```

```

Remember that the point of alt text is to provide the same functional information that a visual user would see. Search engines, users who disabled images in their browsers and other agents who are unable to see the images on your webpage can read the alt attributes assigned to the image since they cannot view it.

Learn more about [optimizing images for SEO](#).

✘ Responsive Image Test

Not all images in this webpage are properly sized! This webpage is serving images that are larger than needed for the size of the user's viewport.

How to pass this test?

This issue can be fixed by using responsive images, which relies on creating multiple versions of each image, that are served via CSS media queries depending on the user's viewport dimensions.

Another solution can be to use vector-based image formats like SVG. SVG images scale appropriately to any size, without wasting unnecessary bandwidth. Also consider image CDNs that can help serve responsive images.

✓ Image Aspect Ratio Test

All image display dimensions match the natural aspect ratio.



✘ Inline CSS Test

This webpage is using inline CSS styles!

How to pass this test?

It is a good practice to move all the inline CSS rules into an external file in order to make your page "lighter" in weight and decrease the code to text ratio.

- check the HTML code of your page and identify all style attributes
- for each style attribute found you must properly move all declarations in the external CSS file and remove the style attribute

For example:

```
<!--this HTML code with inline CSS rule:-->
<p style="color:red; font-size: 12px">some text here</p>

<!--would became:-->
<p>some text here</p>

<!--and the rule added into your CSS file:-->
p{color:red; font-size: 12px}
```


✔ Deprecated HTML Tags Test

This webpage does not use HTML deprecated tags.

✔ Google Analytics Test

This webpage is using Google Analytics.

✔ Favicon Test

 This website appears to have a favicon.



🕒 Backlinks Test

This domain has an Authority Score of 17/100 while the Average Authority Score of top 100 sites is 89.5. Also, this domain has 3,933 backlinks from 268 referring domains and some recently found backlinks are listed below:

- MAR 12, 2024 <http://tipsters.se/cyclopropyl-ring-k.html>
- MAR 12, 2024 <http://tipsters.se/cyclopropyl-ring-k.html>
- MAR 12, 2024 <https://www.anchorer.com/?APOI4=.doc20231029vXxED>
- MAR 12, 2024 <https://www.anchorer.com/index.php?id=2486&menu=284>
- MAR 12, 2024 <https://www.anchorer.com/index.php?id=2436&menu=284>
- MAR 11, 2024 <https://www.anchorer.com/index.php?id=2502&menu=257>
- MAR 11, 2024 <https://www.anchorer.com/index.php?id=2335&menu=250>
- MAR 11, 2024 <https://www.anchorer.com/index.php?menu=263&page=1>
- MAR 11, 2024 <https://www.anchorer.com/index.php?id=2461&menu=244>
- MAR 11, 2024 <https://www.anchorer.com/index.php?menu=250&page=7>

❌ JS Error Test

We've found JavaScript errors on this webpage!

How to pass this test?

If your site has JavaScript errors it might not work properly, which can lead to improper or incomplete loading of content. It's hard to advise how to fix JavaScript errors since there are many different types, but here are some tips:

- First of all, you have to locate the source of errors;
- If you are using JS plugins or other third party code, you must carefully read the documentation;
- Syntax errors (a typo or missing character) are easy to fix;

✅ Console Errors Test

This webpage doesn't have any warnings or errors caught by the Chrome DevTools Console.

✅ Charset Declaration Test

This webpage has a character encoding declaration.

```
Content-Type: text/html; charset=UTF-8
```




✔ Social Media Test

This webpage is connected successfully with social media using:

[Twitter](#)

Speed optimizations

6 Failed

1 Warnings

18 Passed

✘ HTML Page Size Test

The size of this webpage's HTML is **50.92 Kb**, and is greater than the average size of **33 Kb**! This can lead to slower loading times, [lost visitors](#), and decreased revenue. Good steps to reduce HTML size include: using [HTML compression](#), [CSS layouts](#), [external style sheets](#), and [moving javascript](#) to external files.

How to pass this test?

In order to resolve this problem you are advised to:

- use gzip compression
- move all CSS style rules into a single, external and minified CSS file
- minify all JS files and, if possible, try combining them into a single external JS file
- use CSS layouts

✘ DOM Size Test

The Document Object Model (DOM) of this webpage has **1,667 nodes** which is greater than the recommended value of **1,500 nodes**! A large DOM size negatively affects site performance and increases the page load time.

How to pass this test?

In order to pass this test, you need to reduce the DOM size.

First, you need to identify the causes of an excessive number of DOM nodes. They can be: poorly coded plugins or themes, DOM nodes created dynamically via JavaScript, page builders that generate bloated HTML, copy-paste text into a WYSIWYG editor, hidden elements via CSS, etc.

Second, you need to remove the unnecessary tags and even refactor or rewrite some parts of the code/template. Another workarounds can be: code splitting (create more pages instead of one long page), consider to lazy load some parts of your website in order to speed up the initial rendering, implement infinite scroll, improve page rendering with content visibility (with the CSS content-visibility property, the browser will skip the styling, layout, and paint until the user scrolls down the page).



✔ HTML Compression/GZIP Test

This webpage is successfully compressed using **gzip compression** on your code. The HTML code is compressed from **294.67 Kb** to **50.92 Kb** (**83% size savings**). This helps ensure a faster loading webpage and improved user experience.

✘ Site Loading Speed Test

The loading time of this webpage (measured from N. Virginia, US) is around **5.54 seconds** and is greater than the average loading speed which is **5 seconds**!

How to pass this test?

In order to resolve this problem you are advised to:

- Minimize HTTP requests
- Use Gzip compression
- Use HTTP caching
- Move all CSS style rules into a single, external and minified CSS file
- Minify all JS files and, if possible, try combining them into a single external JS file
- Include external CSS files before external JS files
- Place your JS scripts at the bottom of your page
- Optimize images
- Reduce redirects
- Reduce the number of plug-ins

✔ JS Execution Time Test

The JavaScript code used by this webpage is executed in less than **2 seconds**.



✖ Page Objects Test

This webpage is using more than 20 http requests, which can slow down page loading and negatively impact user experience!

Content size by content type

Content type	Percent	Size
Image	60.8 %	2.39 Mb
Javascript	22.9 %	920.26 Kb
Other	6.4 %	257.60 Kb
Css	4.4 %	178.07 Kb
Font	3.9 %	157.33 Kb
Html	1.6 %	64.72 Kb
TOTAL	100%	3.93 Mb

Requests by content type

Content type	Percent	Requests
Javascript	36.5 %	35
Css	29.2 %	28
Image	17.7 %	17
Font	8.3 %	8
Other	5.2 %	5
Html	3.1 %	3
TOTAL	100%	96

Content size by domain

Domain	Percent	Size
hyphadiscovery.com	80.1 %	3.15 Mb
googletagmanager.com	6.6 %	265.10 Kb
gstatic.com	5.5 %	221.28 Kb



fonts.gstatic.com	3.9 %	157.33 Kb
consent.cookiebot.com	2.9 %	115.25 Kb
google.com	0.9 %	35.57 Kb
fonts.googleapis.com	0.1 %	4.38 Kb
consentcdn.cookiebot.com	0.0 %	811 B
imgscct.cookiebot.com	0.0 %	473 B
pagead2.google syndication.com	0.0 %	455 B
Other	0.0 %	210 B
TOTAL	100%	3.93 Mb

Requests by domain

Domain	Percent	Requests
hyphadiscovery.com	71.9 %	69
fonts.gstatic.com	8.3 %	8
google.com	4.2 %	4
fonts.googleapis.com	3.1 %	3
googletagmanager.com	3.1 %	3
gstatic.com	3.1 %	3
consent.cookiebot.com	2.1 %	2
consentcdn.cookiebot.com	1.0 %	1
pagead2.google syndication.com	1.0 %	1
google-analytics.com	1.0 %	1
Other	1.0 %	1
TOTAL	100%	96

✓ Page Cache Test (Server Side Caching)

This webpage is using a caching mechanism. [Caching](#) helps speed page loading times as well as reduces server load.



✓ Flash Test

This webpage does not include flash objects (an outdated technology that was sometimes used to deliver rich multimedia content). Flash content does not work well on mobile devices, and is difficult for crawlers to interpret.

! CDN Usage Test

This webpage is not serving all resources (images, javascript and css) from CDNs!

How to pass this test?

In order to pass this test you are advised to use a CDN service. A Content Delivery Network (CDN) is a globally distributed network of web servers that allows a quick transfer of assets and provides high availability and high performance. The primary benefits of using a CDN service are:

- Improving website loading times
- Reducing bandwidth costs
- Increasing content availability and redundancy
- Improving website security

✗ Modern Image Format Test

This webpage is not serving images in a modern format! Image formats like [JPEG 2000](#), [JPEG XR](#), and [WebP](#) often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

How to pass this test?

In order to pass this test, convert all the images listed in this report into a modern image format such as [JPEG 2000](#), [JPEG XR](#) or [WebP](#).

It's important to understand that the modern image formats, like WebP, are not yet widely supported across all devices and browsers. You can find [here](#) a full list of supported browsers and devices for the WebP format.

If your target audience falls within one of the unsupported browser/device categories, you should serve optimized fall-back images in the original JPEG/PNG format so that your users don't see a broken or badly designed page:

```
<!--Before:-->


<!--After:-->
<picture>
  <source type="image/webp" srcset="image.webp">
  
</picture>
```

The browser uses the first listed source that's in a format it supports. If the browser does not support any of the formats listed in the "source" tags, it falls back to loading the image specified by the "img" tag.



✔ Image Metadata Test

This webpage is not using images with large metadata.

✔ Image Caching Test

This website is using cache headers for images and the browsers will display these images from the cache.

✔ JavaScript Caching Test

This webpage is using cache headers for all JavaScript resources.

✔ CSS Caching Test

This webpage is using cache headers for all CSS resources.

✔ JavaScript Minification Test

All JavaScript files used by this webpage are minified.

✔ CSS Minification Test

All CSS resources used by this webpage are minified.

✘ Render Blocking Resources Test

This webpage is using render blocking resources! Eliminating render-blocking resources can help this webpage to load significantly faster and will improve the website experience for your visitors.

How to pass this test?

In order to pass this test, you have to reduce the impact of render-blocking resources.

First, you have to identify what's critical and what's not. You can use the [Chrome DevTools \(Coverage tab\)](#) to identify non-critical CSS and JS.

Once you've identified critical code, you can try the below methods to eliminate render-blocking resources:

- inline critical JS within a script tag in your HTML document
- inline critical CSS required for the first paint inside a style block in the head of the HTML document
- move the script and link tags at the end of the HTML document
- add async or defer attributes to non-critical script or link tags
- split CSS styles into different files, organized by media query
- compress and minify your text-based resources



✓ Nested Tables Test

This webpage is not using nested tables. This speeds up page loading time and optimizes the user experience.

✓ Frameset Test

This webpage does not use frames.

✓ Doctype Test

This webpage has a doctype declaration.

```
<!DOCTYPE html>
```

✓ URL Redirects Test

This URL doesn't have any redirects (which could potentially cause site indexation issues and site loading delays).

✓ Largest Contentful Paint Test

The Largest Contentful Paint duration of this webpage is 1.64 seconds. To provide a good user experience, [Google recommends](#) that sites should strive to have Largest Contentful Paint of 2.5 seconds or less.

Largest Contentful Paint element within the viewport:

Text: *Hypha Discovery: Experts in Metabolite Synthesis Purification Structure elucidation...*

Html: `<section class="elementor-section elementor-top-section elementor-..." data-id="7b3a774" data-element_type="section" data-settings="{\"background_background\":\"video\",\"background_video...\"}>`

✓ Cumulative Layout Shift Test

The CLS score of this webpage is 0.0529. To provide a good user experience, [Google recommends](#) that sites should strive to have a CLS score of 0.1 or less.

DOM element which contributes the most to CLS score:

Html: `<div class="item">`

Score: 0.0281



Server and security

2 Failed

0 Warnings

8 Passed

URL Canonicalization Test

<https://www.hyphadiscovery.com/> and <https://hyphadiscovery.com/> resolve to the same URL.



✔ SSL Checker and HTTPS Test

This website is successfully using HTTPS, a secure communication protocol over the Internet.

- ✔ The certificate is not used before the activation date.
- ✔ The certificate has not expired.
- ✔ The hostname "www.hyphadiscovery.com" is correctly listed in the certificate.
- ✔ The certificate should be trusted by all major web browsers.
- ✔ The certificate was not revoked.
- ✔ The certificate was signed with a secure hash.

Certificate Chain:

Server certificate	
Common Name	hyphadiscovery.com
Subject Alternative Names (SANs)	hyphadiscovery.com, www.hyphadiscovery.com
Not Valid Before	Tue, January 23rd 2024, 1:01:18 pm (UTC)
Not Valid After	Mon, April 22nd 2024, 1:01:17 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	R3

Intermediate certificate	
Common Name	R3
Organization	Let's Encrypt
Location	US
Not Valid Before	Fri, September 4th 2020, 12:00:00 am (UTC)
Not Valid After	Mon, September 15th 2025, 4:00:00 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	ISRG Root X1

Root certificate	
Common Name	ISRG Root X1
Organization	Internet Security Research Group



Location	US
Not Valid Before	Thu, June 4th 2015, 11:04:38 am (UTC)
Not Valid After	Mon, June 4th 2035, 11:04:38 am (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	ISRG Root X1

✓ Mixed Content Test (HTTP over HTTPS)

This webpage does not use mixed content - both the initial HTML and all other resources are loaded over HTTPS.

✓ HTTP2 Test

This webpage is using the HTTP/2 protocol.

✓ Safe Browsing Test

This website is not currently listed as suspicious (no malware or phishing activity found).

✓ Server Signature Test

The server signature is off for this webpage.

✓ Directory Browsing Test

Directory browsing is disabled for this website.

✓ Plaintext Emails Test

This webpage does not include email addresses in plaintext.



✘ Unsafe Cross-Origin Links Test

This webpage is using `target="_blank"` links without `rel="noopener"` or `rel="noreferrer"` attribute, which can expose it to performance and security issues!

How to pass this test?

In order to pass this test, you have to update each link identified in this report, by adding a `rel="noopener"` or a `rel="noreferrer"` attribute or both:

```
<a href="https://example.com" target="_blank" rel="noopener noreferrer">
  Click here
</a>
```

- `rel="noopener"` prevents the new page from being able to access the `window.opener` property and ensures it runs in a separate process.
- `rel="noreferrer"` has the same effect but also prevents the **Referer header** from being sent to the new page.

Mobile usability

0 Failed

0 Warnings

3 Passed

✔ Meta Viewport Test

This webpage is using a viewport meta tag.

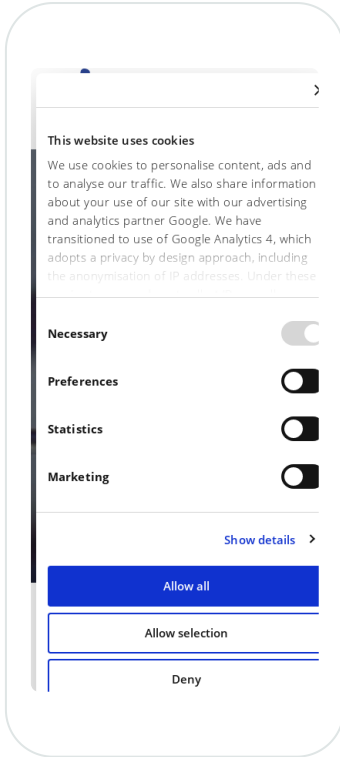
```
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

✔ Media Query Responsive Test

This webpage is using CSS media queries, which is the base for responsive design functionalities.



Mobile Snapshot Test



Advanced SEO

1 Failed

2 Warnings

7 Passed

✔ Structured Data Test

This webpage is using structured data.

✔ Custom 404 Error Page Test

This website is using a custom 404 error page. We recommend to have a custom 404 error page in order to improve the website's user experience by letting users know that only a specific page is missing/broken (and not the entire site), providing them helpful links, the opportunity to report bugs, and potentially [track the source of broken links](#).

✔ Noindex Tag Test

This webpage does not use the noindex meta tag. This means that it can be indexed by search engines.



✓ Canonical Tag Test

This webpage is using the canonical link tag. This tag specifies that the URL: <https://www.hyphadiscovery.com/> is preferred to be used in search results. Please ensure that this specification is correct, as canonical tags are often hard-coded and may not always reflect the latest changes in a site's URL structure.

```
<link href="https://www.hyphadiscovery.com/" rel="canonical"/>
```

⊙ Nofollow Tag Test

This webpage is using the nofollow meta tag! We recommend to use this tag carefully since search engines will not crawl all links from this webpage.

How to pass this test?

If you want search engines to crawl all the outgoing links on your webpage you must remove the nofollow meta tag.

⊙ Disallow Directive Test

Your robots.txt file includes a disallow command which instructs search engines to avoid certain parts of your website! You are advised to confirm if access to these resources or pages are intended to be blocked (e.g., if they contain internal-only content or sensitive information).

✓ Meta Refresh Test

This webpage is not using a meta refresh tag.

✓ SPF Records Test

This DNS server is using an SPF record.

```
v=spf1 include:spf.protection.outlook.com -all
```

! Ads.txt Validation Test

This website doesn't use an ads.txt file! Ads.txt is a text file that contains a list of Authorized Digital Sellers. The purpose of ads.txt files is to give advertisers and advertising networks the ability to verify who is allowed to sell advertising on your website.