

D-LUCIFERIN AND COELENTERAZINE

High Purity Imaging Reagents

Whether performing reporter gene assays, ELISA and HTS assays, ATP swabs, whole animal assays, or other imaging applications, choose Regis Technologies' high purity D-Luciferin and Coelenterazine for a high quality product at an affordable price:

- For in vitro and in vivo assays
- High signal and low noise, >99% Purity
- Excellent reproducibility and sensitivity
- Quality product, delivered in days from a trusted supplier



High Purity and Quality Guaranteed

Our bioluminescent reagents are manufactured and tested in our FDA-inspected, GMP-certified facility for a minimum purity of 99% by HPLC and 99.5% enantiomeric purity by chiral HPLC. Additional quality tests include water by titration, and identity by FTIR. Other tests are available by request for optimum quality control of raw material entering your processes.

Affordable, Convenient Quantities

All products are available in a variety of convenient packaged sizes for easy ordering online or by purchase order. Custom packaging and custom sizes are also available. Contact us about ordering single lots in excess of 200 grams which reduces costs and requires fewer qualification runs of individual lots, saving you even more money.



Coelenterazine is commonly used for bioluminescent calcium detection and the monitoring of reporter genes in BRET, ELISA and HTS methods as well as chemiluminescent detection of superoxide anions and peroxynitrite in cells or tissues. The most commonly used form of coelenterazine is the “native” form. Coelenterazine H has a 10 to 20-fold higher luminescent intensity than that of native Coelenterazine, making it a useful tool for measuring small changes in Calcium ion concentrations in in vitro studies.



Luciferin is a common bioluminescent reporter used for in vivo imaging, often used to indicate the presence of energy, functioning as a life-death stain. It is also commonly used for in vitro research, including luciferase and ATP assays, gene reporter assays, high throughput sequencing and various contamination assays. Luciferin is available in many different forms, but the most popular is D-Luciferin Potassium salt.

Related Compounds for Your Analytical Needs

Along with D-Luciferin, order related compounds and impurities from Regis Technologies for use in testing analytical limits or as analytical markers:

- L-Luciferin
- Dehydroluciferin
- 6-Hydroxy-benzothiazol-2-yl-carboxylic acid
- 6-Hydroxy-benzothiazole
- 6-Hydroxy-benzothiazol-2-yl-carboxamide

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Ordering Information

D-Luciferin Potassium Salt

Packaged Size	Catalog #
100 mg	1-360221-200
10 x 100 mg	1-360223-200
1 g	1-360222-200
10 x 1 g	1-360225-200
10 g	1-360224-200

D-Luciferin Free Acid

Packaged Size	Catalog #
100 mg	1-360201-200
10 x 100 mg	1-360203-200
1 g	1-360202-200
10 x 1 g	1-360205-200
10 g	1-360204-200

D-Luciferin Sodium Salt

Packaged Size	Catalog #
100 mg	1-360241-200
10 x 100 mg	1-360243-200
1 g	1-360242-200
10 x 1 g	1-360245-200
10 g	1-360244-200

Coelenterazine, Native

Packaged Size	Catalog #
1 mg (Lyophilized)	1-361201-200
10 mg	1-361204-200

Coelenterazine-H

Packaged Size	Catalog #
1 mg	1-361301-200
10 mg	1-361304-200

Did You Know...

REGIS offers high purity GC reagents?

Request a copy of our comprehensive Specialty Reagents brochure to learn more about our ION Pair and GC derivatization reagents.



chromsales@registech.com



For a personalized quote, contact a REGIS Chromatography Sales Expert at chromsales@registech.com, or visit registech.com for more information.

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