

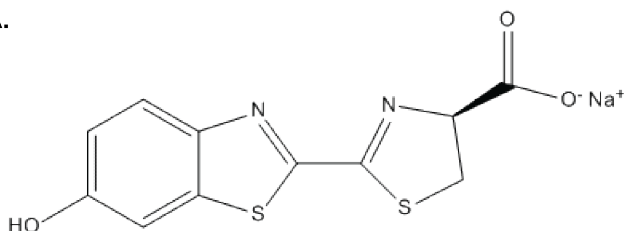
Luciferase Substrates

BioVision offers numerous Luciferase products including Luciferase Substrates such as D-Luciferin and Coelenterazine and Luciferase Assay Kits. D-Luciferin and Coelenterazine are the most popular and versatile bioluminescent substrates. D-Luciferin is the substrate for the enzyme firefly luciferase whereas Coelenterazine is the luminescent substrate for Renilla luciferase and apoaequorin. Luciferins have been widely used in *in vitro* and *in vivo* luciferase reporter assays detecting gene expression and for detecting the level of cellular ATP in cell viability assays or for kinase activity assays. Coelenterazine has been used for bioluminescent calcium detection and the monitoring of reporter genes in BRET, ELISA and other Assays using cells or tissues. BioVision's Luciferin is the most highly purified Luciferin commercially available. Additionally, BioVision also offers the highly stable StayBrite™ Luciferase and Luciferase Reporter Assay Kits.

Product Highlight:

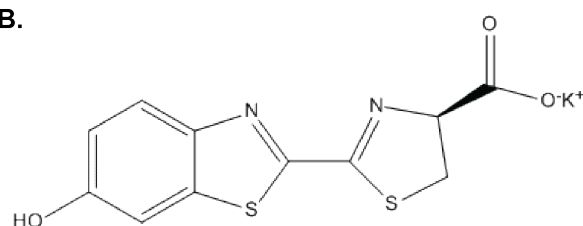
- **Highly Pure D-Luciferin, High Signal, Low Background & High Reproducibility**
- **Numerous** Options of D-Luciferin to Choose From
- **Offers Coelenterazine-h, Another Excellent Luciferase Substrate**
- **Highly Stable StayBrite™ Luciferase**
- **Highly Sensitive** Luciferase Reporter Assay Kit for Studying Gene Regulation and Function

A.



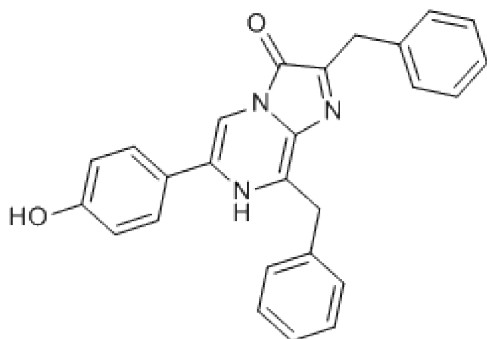
D-Luciferin, Sodium Salt

B.



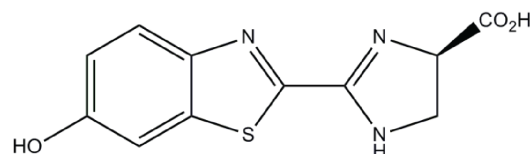
D-Luciferin, Potassium Salt

C.



Coelenterazine-h

D.



D-Luciferin (Free Acid)

Figure: Structures of BioVision's Luciferase Substrates. **A.** D-Luciferin, Sodium Salt. **B.** D-Luciferin, Potassium Salt. **C.** Coelenterazine-h. **D.** D-Luciferin (Free Acid).

155 S. Milpitas Blvd, Milpitas, CA 95035

T: 408-493-1800 F: 408-493-1801

Toll Free: 800-891-9699 (US Only)

BioVision
BioVision Incorporated



Antibodies

Product Name	Cat. No.	Size
Luciferase Antibody	3848	500 µg
Luciferase Antibody	3858	30 µg, 200 µg

Assay Kits

Product Name	Cat. No.	Size
StayBrite™ Highly Stable Luciferase/Luciferin Reagent	K790	100 Assays, 1000 Assays, 10000 Assays
Luciferase Reporter Assay Kit	K801	200 Assays

Biochemicals

Product Name	Cat. No.	Size	CAS #
Coelenterazine, native	2536	500 µg, 1 mg	55779-48-1
Coelenterazine-h	2742	100 µg, 1 mg	50909-86-9
D-Luciferin (Free acid)	2779	250 mg, 500 mg, 1 g, 5 g	2591-17-5
StayBrite™ High Stable Luciferase	7901	1 mg, 5 mg	N/A
D-Luciferin, Sodium Salt	7902	100 mg, 1 g, 10 g, 3 x 1 g, 5 x 1 g, 10 x 1 g	103404-75-7
D-Luciferin, Potassium Salt	7903	100 mg, 1 g, 10 g, 3 x 1 g, 5 x 1 g, 10 x 1 g	115144-35-9
Brite-Light™ D-Luciferin, Potassium Salt	B3000	1 g, 5 x 1 g, 10 x 1 g	115144-35-9
EZSolution™ D-Luciferin, Potassium Salt	B3001	10 x 850 µl	115144-35-9

* N/A: Not Available

Please visit www.BioVision.com for the complete list of products.