

# Chem-Impex International, Inc.

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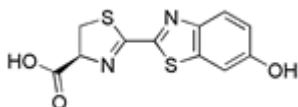
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



**Catalogue Number** 21802

**Product** **D-Luciferin**

(S)-2-(6-Hydroxy-2-benzothiazolyl)-2-thiazoline-4-carboxylic acid

**CAS Number** 2591-17-5

**Molecular Formula** C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>S<sub>2</sub>

**Molecular Weight** 280.33

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**Appearance** Light yellow powder

**Solubility** Clear solution (0.25% in Methanol)  
Soluble in water with a dilute base NaOH or KOH

**<sup>1</sup>H NMR** Conforms to structure

**Purity by HPLC** ≥ 99%

**Storage** Store at -20 °C

**For Laboratory Use Only**