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Product Specification

Product Name:

D-Luciferin - synthetic, BioXtra, ≥99% (HPLC)

Product Number:

L6152

CAS Number:

2591-17-5

MDL:

MFCD00042929

Formula:

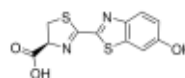
C₁₁H₈N₂O₃S₂

Formula Weight:

280.32 g/mol

Storage Temperature:

-20 °C



TEST

Specification

Appearance (Color)

White to Faint Yellow

Appearance (Form)

Powder

Solubility (Color)

Colorless to Faint Yellow

Solubility (Turbidity)

Clear

10 mg/mL, DMSO

Proton NMR Spectrum

Conforms to Structure

Water (by Karl Fischer)

≤ 3 %

Solvent Content (by GC)

≤ 3 %

Nitrogen (dry basis)

9.7 - 10.3 %

Purity (HPLC)

≥ 99 %

Specification: PRD.2.ZQ5.10000015282

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