

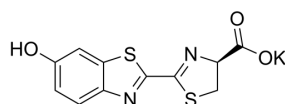
D-Luciferin (potassium)

Cat. No.: HY-12591B
 CAS No.: 115144-35-9
 Batch No.: 286396
 Chemical Name: 4-Thiazolecarboxylic acid, 4,5-dihydro-2-(6-hydroxy-2-benzothiazolyl)-, potassium salt (1:1), (4S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_7KN_2O_3S_2$
 Molecular Weight: 318.41
 Storage: 4°C, sealed storage, away from moisture and light
 * In solvent : -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture and light)

Chemical Structure:



ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)
 1H NMR Spectrum: Consistent with structure
 LCMS: Consistent with structure
 Purity (LCMS): 99.97%
 Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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