

D-Luciferin sodium salt

Cat. No. CSUB-0356

Lot. No. (See product label)

Introduction

Applications Substrate for firefly luciferase with a K_m of approx 2 μM .

Synonyms (S)-2-(6-Hydroxy-2-benzothiazolyl)-2-thiazoline-4-carboxylic acid sodium salt; 4, 5-Dihydro-2-(6-hydroxy-2-benzothiazolyl)-4-thiazolecarboxylic acid sodium salt; Firefly luciferin sodium salt

Product Information

Form lyophilized powder

CAS No. 103404-75-7

Molecular Formula C₁₁H₇N₂NaO₃S₂

Molecular Weight 302.30

Impurities λ_{ex} 328 nm; λ_{em} 532 nm in H₂O

Solubility H₂O: soluble

Substrates Luciferase

Storage and Shipping Information

Storage -20°C