Creative Enzymes®

D-Luciferin potassium salt

Cat. No. CSUB-0359

Lot. No. (See product label)

Introduction

Applications	D-Luciferin may be used in luciferase-based (EC 1.13.12.7) bioluminescence imaging and cell-based high-throughput screening applications. ATP can be measured with a reagent made up of D-luciferin and luciferase from firefly. D-Luciferin may be used and studied as a partial agonist for G protein-coupled receptor-35 (GPR35).
Synonyms	(S)-2-(6-Hydroxy-2-benzothiazolyl)-2-thiazoline-4-carboxylic acid potassium salt; 4, 5-Dihydro-2-(6-hydroxy-2-benzothiazolyl)-4-thiazolecarboxylic acid potassium salt; Firefly luciferin potassium salt

Product Information

CAS No.	115144-35-9
Molecular Formula	C11H7KN2O3S2
Molecular Weight	318.41
Substrates	Luciferase

Storage and Shipping Information

Storage	-20°C