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Product Datasheet

D-Luciferin, CAS [[2591-17-5]] BYT-ORB1304335

Article Name	D-Luciferin, CAS [[2591-17-5]]
Biozol Catalog Number	BYT-ORB1304335
Supplier Catalog Number	orb1304335
Alternative Catalog Number	BYT-ORB1304335-10, BYT-ORB1304335-100, BYT-ORB1304335-200, BYT-ORB1304335-50, BYT-ORB1304335-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	D-Luciferin is the natural substrate for firefly luciferase, enabling bioluminescence through the emission of yellow-green light (~560 nm). It is widely employed in both in vitro luciferase assays and in vivo bioluminescence imaging for applications ...
Molecular Weight	280.32
Purity	99.83% (May vary between batches)
CAS Number	[2591-17-5]
Formula	C ₁₁ H ₈ N ₂ O ₃ S ₂
Target	Others
Application Notes	Solubility: 10% DMSO+90% Saline:5.5 mg/mL (19.62 mM),Ethanol:1 mg/mL (3.57 mM),DMSO:55 mg/mL (196.2 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:5.5 mg/mL (19.62 mM)