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Specification

Product	D-Luciferin sodium salt for molecular biology
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Product number	1271
Synonym(s)	(S)-2-(6-Hydroxy-2-benzothiazolyl)-2-thiazoline-4-carboxylic acid sodium salt; Firefly Luciferin sodium salt
Formula	C ₁₁ H ₇ N ₂ O ₃ S ₂ Na
Molecular weight	302.31 g/mol
CAS number	103404-75-7
Storage	-20°C, protected from light
Retest period (months)	12

Parameter	Specification
Assay (HPLC)	min. 98.5 %
Solubility (1 % in water)	clear, yellow
Identity (¹ H NMR)	complies

Einhausen, 09.01.2023