

D-Luciferin, sodium salt

Cat. No. DYE-177 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description	D-Luciferin is a chemiluminescent substrate of firefly luciferase. It produces light upon oxidative decarboxylation by luciferase in the presence of ATP. D-luciferin can be employed to assay the expression of the luciferase gene linked to a promoter of interest. Alternatively, D-luciferin and luciferase can be used to assess ATP availability in cellular or biochemical assays.
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CAS number	103404-75-7
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Molecular Mass	302.3
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Formula	C ₁₁ H ₇ N ₂ NaO ₃ S ₂
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Ex(nm)	328
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Em(nm)	533
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Solvent	Water
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Storage	Store at -20°C in the dark. Dessicated.
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