

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.

CAS number 103404-75-7

Molecular Mass 302.3

Formula C₁₁H₇N₂NaO₃S₂

Ex(nm) 328

Em(nm) 533

Solvent Water

Storage Store at -20°C in the dark. Dessicated.

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