D-Luciferin, potassium salt

Cat. No. DYE-176 **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	115144-35-9
Molecular Mass	318.41
Formula	C11H7N2KO3S2
Ex(nm)	328
Em(nm)	533
Solvent	Water
Storage	Store at -20°C in the dark. Dessicated.

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