DMNPE-caged D-luciferin

Cat. No.:	HY-D1343
CAS No.:	223920-67-0
Molecular Formula:	$C_{21}H_{19}N_3O_7S_2$
Molecular Weight:	489.52
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.
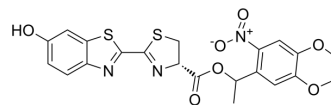
BIOLOGICAL ACTIVITY

Description	DMNPE-caged D-luciferin is a heterocyclic luminescent compound that is a natural ligand for luciferase, an enzyme used to detect cell activity. Its reaction requires ATP and emits yellow-green light with a peak wavelength of about 530 nm. The luciferin in the DMNPE cage easily crosses the cell membrane.

REFERENCES

[1]. Luque-Ortega JR, et al.

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