



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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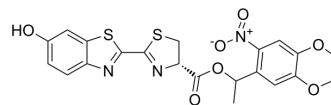
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DMNPE-caged D-luciferin

Cat. No.:	HY-D1343
CAS No.:	223920-67-0
Molecular Formula:	C ₂₁ H ₁₉ N ₃ O ₇ S 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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