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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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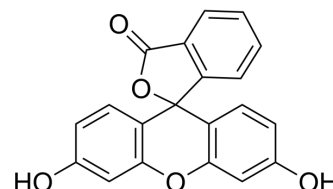
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Fluorescein (Standard)

Cat. No.:	HY-D0251R
CAS No.:	2321-07-5
Molecular Formula:	C ₂₀ H ₁₂ O ₅
Molecular Weight:	332.31
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fluorescein (Standard) is the analytical standard of Fluorescein. This product is intended for research and analytical applications. Fluorescein (Uranine) is widely used as a fluorescent tracer in medicinal and biological applications and tumor infected tissues tracer. Fluorescein (Uranine) is a representative green fluorophore that has been widely used as a scaffold of practically useful green fluorescent probes^{[1][2]}.

REFERENCES

- [1]. RobertSjöback, et al. Absorption and fluorescence properties of fluorescein. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
- [2]. Nabel A Negm, et al. Fluorescein dye derivatives and their nanohybrids: Synthesis, characterization and antimicrobial activity. J Photochem Photobiol B. 2016 Sep;162:421-433.
- [3]. Li Liu, et al. Fluorescein as an artificial enzyme to mimic peroxidase. Chem Commun (Camb). 2016 Nov24;52(96):13912-13915.
- [4]. Hirabayashi K, et al. Analysis of chemical equilibrium of silicon-substituted fluorescein and its application to develop a scaffold for red fluorescent probes. Anal Chem. 2015;87(17):9061-9069.

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

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