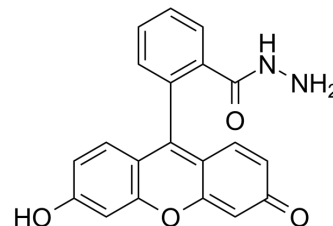


Fluorescein hydrazide

Cat. No.:	HY-151644
CAS No.:	78044-20-9
Molecular Formula:	C ₂₀ H ₁₄ N ₂ O ₄
Molecular Weight:	346.34
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fluorescein hydrazide is a colorimetric probe formed by the reaction of dihydrazine adipate with fluorescein isothiocyanate. Fluorescein hydrazide can be used to label aldehyde and ketone groups^{[1][2]}.

REFERENCES

[1]. Yusha Feng, et al. A novel "turn-on" thioxofluorescein-based colorimetric and fluorescent sensor for Hg²⁺ and its application in living cells. *Talanta*. 2017 Aug 1;170:103-110.

[2]. Xie Zhihui, et al. Sensitive colorimetric and fluorescent detection of mercury using fluorescein derivatives. *Open Journal of Applied Biosensor*. Volume: 1. Issue: 3. Pages: 44-52, 9 pp. Journal. 2012.

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

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