



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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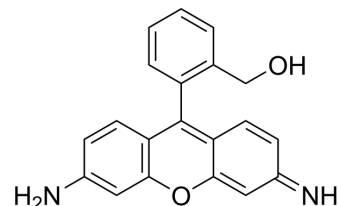
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HMRG

Cat. No.:	HY-D2379
CAS No.:	1629965-68-9
Molecular Formula:	C ₂₀ H ₁₆ N ₂ O ₂
Molecular Weight:	316.35
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HMRG is a type of hydroxymethyl rhodamine green fluorescent scaffold, featuring an open non-cyclic structure. HMRG can produce significant dynamic fluorescence changes through a one-step enzymatic reaction at physiological pH, which is useful for developing various probes. Fluorescent probes based on HMRG can be used for fluorescence detection of diseases such as tumors and diabetic nephropathy^[1].

REFERENCES

[1]. Sakabe M, et al. Rational design of highly sensitive fluorescence probes for protease and glycosidase based on precisely controlled spirocyclization. J Am Chem Soc. 2013 Jan 9;135(1):409-14.

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

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