



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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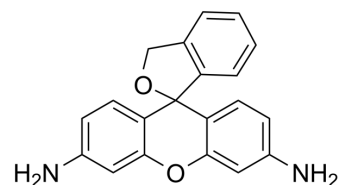
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closed-HMRG

Cat. No.:	HY-D2379A
CAS No.:	7449-51-6
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

closed-HMRG is HMRG with closed spirocyclic structure. Ac-HMRG, an acetylated derivative of Hydroxymethyl rhodamine green, exists as a closed spirocyclic structure in aqueous solution at physiological pH, whereas HMRG itself takes an open nonspirocyclic structure. Ac-HMRG is colorless and nonfluorescent and HMRG is strongly fluorescent^[1].

REFERENCES

[1]. Masayo Sakabe, 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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