



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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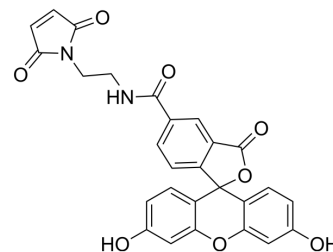
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5-FAM maleimide

Cat. No.:	HY-155640
CAS No.:	787632-00-2
Molecular Formula:	C ₂₇ H ₁₈ N ₂ O ₈
Molecular Weight:	498.44
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 116.67 mg/mL (234.07 mM; Need ultrasonic)
 Ethanol : 10 mg/mL (20.06 mM; Need ultrasonic)
 H₂O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.0063 mL	10.0313 mL	20.0626 mL
	5 mM		0.4013 mL	2.0063 mL	4.0125 mL
	10 mM		0.2006 mL	1.0031 mL	2.0063 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

5-FAM maleimide is a 5-FAM (HY-66022) derivative. 5-FAM maleimide can be used to label proteins^[1].

REFERENCES

[1]. Lepedda AJ, et al. Protein sulfhydryl group oxidation and mixed-disulfide modifications in stable and unstable human carotid plaques. *Oxid Med Cell Longev*. 2013;2013:403973.

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

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