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Produktinformation



Forschungsprodukte & Biochemikalien



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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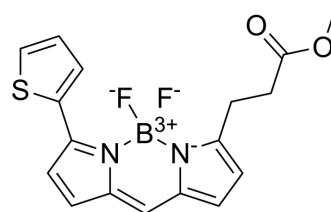
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BODIPY R6G methyl ester

Cat. No.:	HY-D1591
CAS No.:	150173-71-0
Molecular Formula:	C ₁₇ H ₁₅ BF ₂ N ₂ O ₂ S
Molecular Weight:	360.19
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (277.63 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.7763 mL	13.8816 mL	27.7631 mL
	5 mM		0.5553 mL	2.7763 mL	5.5526 mL
	10 mM		0.2776 mL	1.3882 mL	2.7763 mL

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

BIOLOGICAL ACTIVITY

Description

BODIPY R6G methyl ester (compound 5'-1) is a BODIPY-like fluorescent dye with good light stability and insensitive to pH value. BODIPY R6G methyl ester shows good photostability, high sensitivity and insensitive to pH value. BODIPY R6G methyl ester can be used in research areas such as photodynamic research, PH probes, ion recognition, photocatalysis, protein labeling, cell imaging, and proteomic analysis^[1].

REFERENCES

[1]. Yang, Jun, et al. Synthesis method of commercial BODIPY and derivatives using electrochemical halogenation, Suzuki coupling, and ester hydrolysis. Patent CN109234759A.

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

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