



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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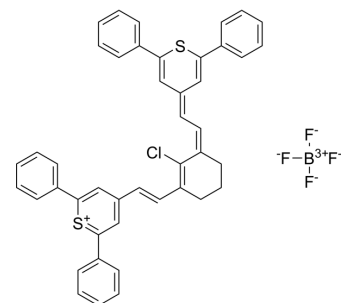
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IR-1061

Cat. No.:	HY-D1449
CAS No.:	155614-01-0
Molecular Formula:	C ₄₄ H ₃₄ BClF ₄ S ₂
Molecular Weight:	749.13
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (6.67 mM); ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.3349 mL	6.6744 mL	13.3488 mL
	5 mM	0.2670 mL	1.3349 mL	2.6698 mL
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

IR-1061 is a near infrared fluorescent organic dye for in vivo OTN-NIR imaging^[1].

REFERENCES

[1]. Thi Kim Dung Doan, et al. The influence of Gd-DOTA conjugating ratios to PLGA-PEG micelles encapsulated IR-1061 on bimodal over-1000 nm near-infrared fluorescence and magnetic resonance imaging. *Biomater Sci.* 2022 Mar 2;10(5):1217-1230.

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

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