



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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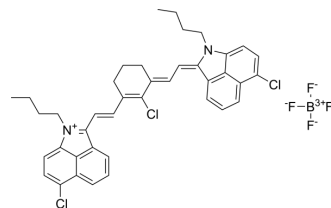
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IR-1048

Cat. No.:	HY-D1450
CAS No.:	155613-98-2
Molecular Formula:	C ₄₀ H ₃₈ BCl ₃ F ₄ N ₂
Molecular Weight:	739.91
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

IR-1048 (S01448) is a dye and also is a photothermal agent. IR-1048 can be used for the research of tumor diagnosis^{[1][1]}.

REFERENCES

- [1]. Xiaoqing Meng, et al. Hypoxia-triggered single molecule probe for high-contrast NIR II/PA tumor imaging and robust photothermal therapy. *Theranostics*. 2018 Nov 15;8(21):6025-6034.
- [2]. Xiaoxu Kang, et al. Dual-Cascade Responsive Nanoparticles Enhance Pancreatic Cancer Therapy by Eliminating Tumor-Resident Intracellular Bacteria. *Adv Mater*. 2022 Dec;34(49):e2206765.

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

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