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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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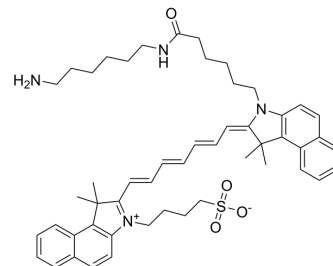
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ICG-amine

Cat. No.:	HY-133884		
CAS No.:	1686147-55-6		
Molecular Formula:	C ₅₁ H ₆₄ N ₄ O ₄ S		
Molecular Weight:	829.14		
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 : 31.25 mg/mL (37.69 mM; Need ultrasonic)					
	H ₂ O : 5 mg/mL (6.03 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg	
			1 mM	1.2061 mL	6.0303 mL	12.0607 mL
			5 mM	0.2412 mL	1.2061 mL	2.4121 mL
			10 mM	0.1206 mL	0.6030 mL	1.2061 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (1.51 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	ICG amine, as a near-infrared fluorescent probe, binds to amino acid residues without condensing agents. ICG is a tricyanocyanine dye ^[1] .
In Vitro	ICG is a tricyanocyanine dye ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Badaracco AG, et al. Indocyanine green modified silica shells for colon tumor marking. Appl Surf Sci. 2020;499:143885.

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

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