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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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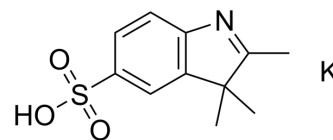
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2,3,3-trimethyl-3H-Indole-5-sulfonic acid potassium salt (1:1)

Cat. No.:	HY-W024881
CAS No.:	184351-56-2
Molecular Formula:	C ₁₁ H ₁₂ KNO ₃ S
Molecular Weight:	278.39
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 116.67 mg/mL (419.09 mM; Need ultrasonic)
DMSO : 58.33 mg/mL (209.53 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.5921 mL	17.9604 mL	35.9208 mL
	5 mM		0.7184 mL	3.5921 mL	7.1842 mL
	10 mM		0.3592 mL	1.7960 mL	3.5921 mL

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

BIOLOGICAL ACTIVITY

Description

2,3,3-Trimethylindolenine-5-sulfonic acid potassium is a water-soluble fluorescent near-infrared dye that can be coupled to peptides, proteins, nucleic acids, RNA, DNA, carbohydrates, polymers, and small molecules via sulfonfyl substituents^[1].

REFERENCES

[1]. Li F, et al. A covalent approach for site-specific RNA Labeling in mammalian cells[J]. Angewandte Chemie, 2015, 127(15): 4680-4685.

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

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