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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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Tetrasodium,4-(1,10-phenanthrolin-4-yl)benzenesulfonate,ruthenium(II)

Cat. No.:	HY-W140535
CAS No.:	301206-84-8
Molecular Formula:	C ₇₂ H ₄₂ O ₁₈ S ₆ N ₆ Na ₄ Ru
Molecular Weight:	1664.57
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°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)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (75.09 mM; Need ultrasonic)

	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.6008 mL	3.0038 mL	6.0076 mL
	5 mM		0.1202 mL	0.6008 mL	1.2015 mL
	10 mM		0.0601 mL	0.3004 mL	0.6008 mL

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

BIOLOGICAL ACTIVITY

Description

Tetrasodium,4-(1,10-phenanthrolin-4-yl)benzenesulfonate,ruthenium(II) is a luminescent indicator dye^[1].

REFERENCES

[1]. Guillermo Orellana, et al. Integrated luminescent chemical microsensors based on GaN LEDs for security applications using smartphones. 2012.

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

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