



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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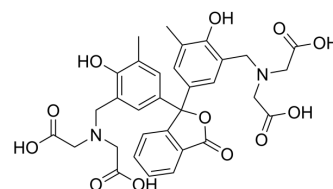
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o-Cresolphthalein complexone

Cat. No.:	HY-D0250
CAS No.:	2411-89-4
Molecular Formula:	C ₃₂ H ₃₂ N ₂ O ₁₂
Molecular Weight:	636.6
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 : 116.67 mg/mL (183.27 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.5708 mL	7.8542 mL	15.7085 mL
	5 mM		0.3142 mL	1.5708 mL	3.1417 mL
	10 mM		0.1571 mL	0.7854 mL	1.5708 mL

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

BIOLOGICAL ACTIVITY

Description

o-Cresolphthalein complexone is a multifunctional dye. Dyes are important tools in biological experiments. They can help researchers observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology and monitor microorganisms. Their applications range from basic scientific research to clinical A wide range of diagnostics. Dyes are also widely used in traditional fields such as textile dyeing, as well as in emerging fields such as functional textile processing, food pigments and dye-sensitized solar cells.

REFERENCES

[1]. Sultana M, et al. A review on experimental chemically modified activated carbon to enhance dye and heavy metals adsorption[J]. Cleaner engineering and technology, 2022, 6: 100382.

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

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