



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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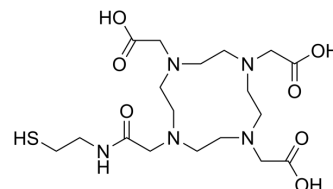
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DOTA-Thiol

Cat. No.:	HY-W678394
CAS No.:	865470-67-3
Molecular Formula:	C ₁₈ H ₃₃ N ₅ O ₇ S
Molecular Weight:	463.55
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (539.32 mM; Need ultrasonic)

H₂O : ≥ 125 mg/mL (269.66 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.1573 mL	10.7863 mL	21.5726 mL
	5 mM		0.4315 mL	2.1573 mL	4.3145 mL
	10 mM		0.2157 mL	1.0786 mL	2.1573 mL

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

BIOLOGICAL ACTIVITY

Description

DOTA-Thiol is a bifunctional chelator (Bifunctional Chelator; BFC) and a macrocyclic DOTA derivative used for tumor pre-targeting. DOTA-Thiol can be used for conjugation of peptides and radionuclides.

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

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