



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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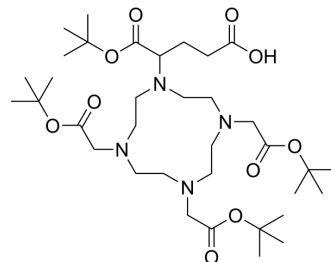
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DOTA-GA(tBu)₄

Cat. No.:	HY-W614269
CAS No.:	306776-79-4
Molecular Formula:	C ₃₅ H ₆₄ N ₄ O ₁₀
Molecular Weight:	700.9
Target:	Radionuclide-Drug Conjugates (RDCs)
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (142.67 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.4267 mL	7.1337 mL	14.2674 mL
	5 mM		0.2853 mL	1.4267 mL	2.8535 mL
	10 mM		0.1427 mL	0.7134 mL	1.4267 mL

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

BIOLOGICAL ACTIVITY

Description	DOTA-GA(tBu) ₄ is a macrocyclic chelator used in medical imaging ^[1] .
IC ₅₀ & Target	RDC Bifunctional Chelator

REFERENCES

[1]. Damerow H, et al. Synthesis of a Bifunctional Cross-Bridged Chelating Agent, Peptide Conjugation, and Comparison of 68 Ga Labeling and Complex Stability Characteristics with Established Chelators. ChemMedChem. 2023 Jan 3;18(1):e202200495.

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

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