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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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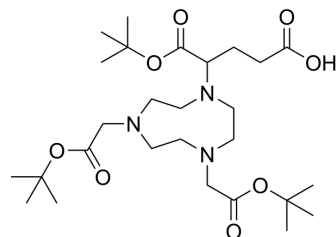
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NODAGA-tris(t-Bu ester)

Cat. No.:	HY-W539893
CAS No.:	1190101-34-8
Molecular Formula:	C ₂₇ H ₄₉ N ₃ O ₈
Molecular Weight:	543.69
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (183.93 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	1.8393 mL	9.1964 mL	18.3928 mL
		5 mM	0.3679 mL	1.8393 mL	3.6786 mL
		10 mM	0.1839 mL	0.9196 mL	1.8393 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.60 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.60 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.60 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	NODAGA-tris(t-Bu ester) (NODAG) is a NODAGA derivative. NODAGA-tris(t-Bu ester) can be used to label peptides, antibodies, etc., and subsequently radiolabeled for PET imaging ^[1] .
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REFERENCES

[1]. arta P, et al. Preparation, In Vitro Affinity, and In Vivo Biodistribution of Receptor-Specific ⁶⁸Ga-Labeled Peptides Targeting Vascular Endothelial Growth Factor Receptors. *Bioconjug Chem.* 2022 Oct 19;33(10):1825-1836.

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

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