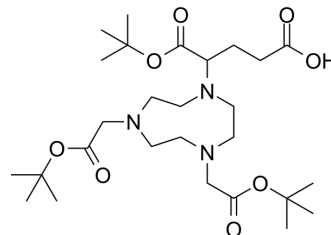


NODAGA-tris(t-Bu ester)

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)

Concentration	Solvent	Mass	Preparing Stock Solutions		
			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

- 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
- 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
- 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].

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA