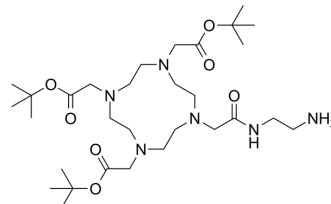


2-Aminoethyl-mono-amide-DOTA-tris(tBu ester)

Cat. No.:	HY-100138		
CAS No.:	173308-19-5		
Molecular Formula:	C ₃₀ H ₅₈ N ₆ O ₇		
Molecular Weight:	614.82		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
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 (162.65 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	1.6265 mL	8.1325 mL	16.2649 mL
	5 mM	0.3253 mL	1.6265 mL	3.2530 mL
	10 mM	0.1626 mL	0.8132 mL	1.6265 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	2-Aminoethyl-mono-amide-DOTA-tris(tBu ester) is a macrocycle DOTA derivative for tumor pretargeting ^[1] .
IC₅₀ & Target	Cleavable

REFERENCES

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

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