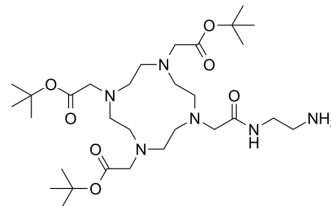


## 2-Aminoethyl-mono-amide-DOTA-tris(tBu ester)

<b>Cat. No.:</b>	HY-100138		
<b>CAS No.:</b>	173308-19-5		
<b>Molecular Formula:</b>	C <sub>30</sub> H <sub>58</sub> N <sub>6</sub> O <sub>7</sub>		
<b>Molecular Weight:</b>	614.82		
<b>Target:</b>	ADC Linkers		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (162.65 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
<b>Preparing Stock Solutions</b>	<b>1 mM</b>	1.6265 mL	8.1325 mL	16.2649 mL
	<b>5 mM</b>	0.3253 mL	1.6265 mL	3.2530 mL
	<b>10 mM</b>	0.1626 mL	0.8132 mL	1.6265 mL
Please refer to the solubility information to select the appropriate solvent.				
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution</li> </ol>			

### BIOLOGICAL ACTIVITY

<b>Description</b>	2-Aminoethyl-mono-amide-DOTA-tris(tBu ester) is a macrocycle DOTA derivative for tumor pretargeting <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Cleavable

### REFERENCES

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

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