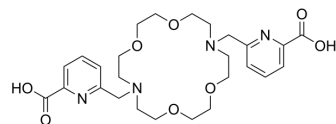


## Macropa

Cat. No.:	HY-160131		
CAS No.:	1128304-86-8		
Molecular Formula:	C <sub>26</sub> H <sub>36</sub> N <sub>4</sub> O <sub>8</sub>		
Molecular Weight:	532.59		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 125 mg/mL (234.70 mM; Need ultrasonic)  
 H<sub>2</sub>O : 125 mg/mL (234.70 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		1.8776 mL	9.3881 mL	18.7762 mL
	5 mM		0.3755 mL	1.8776 mL	3.7552 mL
	10 mM		0.1878 mL	0.9388 mL	1.8776 mL

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

## BIOLOGICAL ACTIVITY

### Description

Macropa is a macrocyclic chelator that can be used as radionuclides to study soft tissue metastases<sup>[1]</sup>.

## REFERENCES

[1]. Blei MK, et al. Equilibrium Thermodynamics of Macropa Complexes with Selected Metal Isotopes of Radiopharmaceutical Interest. Inorg Chem. 2023 Dec 18;62(50):20699-20709.

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

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