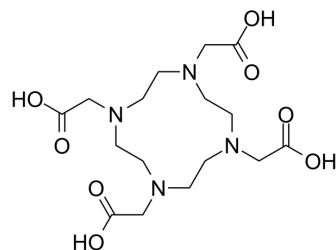


Tetraxetan

Cat. No.:	HY-W053583
CAS No.:	60239-18-1
Molecular Formula:	C ₁₆ H ₂₈ N ₄ O ₈
Molecular Weight:	404.42
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (247.27 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.4727 mL	12.3634 mL	24.7268 mL
	5 mM	0.4945 mL	2.4727 mL	4.9454 mL
	10 mM	0.2473 mL	1.2363 mL	2.4727 mL

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

BIOLOGICAL ACTIVITY

Description

Tetraxetan (DOTA) is a complexing agent, and its complexes have medical applications as contrast agents and in cancer research^[1].

REFERENCES

[1]. Orcutt KD, et al. Biodistribution and clearance of small molecule hapten chelates for pretargeted radioimmunotherapy. Mol Imaging Biol. 2011 Apr;13(2):215-21.

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

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