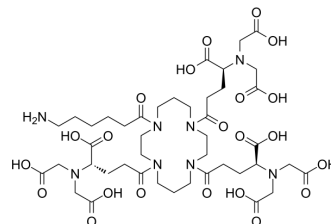


Tris-NTA

Cat. No.:	HY-D1288A
CAS No.:	862778-60-7
Molecular Formula:	C ₄₃ H ₆₈ N ₈ O ₂₂
Molecular Weight:	1049.04
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

DMSO : 50 mg/mL (47.66 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		0.9533 mL	4.7663 mL	9.5325 mL
	5 mM		0.1907 mL	0.9533 mL	1.9065 mL
	10 mM		0.0953 mL	0.4766 mL	0.9533 mL

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

BIOLOGICAL ACTIVITY

Description

Tris-NTA is a His-tagged protein ligand, which can be used to bind His-tagged proteins^{[1][2]}.

In Vitro

Tris-NTA is a His-tagged protein ligand, which can be used to bind His-tagged proteins^{[1][2]}.
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Moritz Pfreundschuh, et al. Identifying and quantifying two ligand-binding sites while imaging native human membrane receptors by AFM. Nat Commun. 2015 Nov 12;6:8857.

[2]. Luyao Liu, et al. Rapid and regenerable surface plasmon resonance determinations of biomarker concentration and biomolecular interaction based on tris-nitrilotriacetic acid chips. Anal Chim Acta. 2021 Jul 25;1170:338625.

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

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