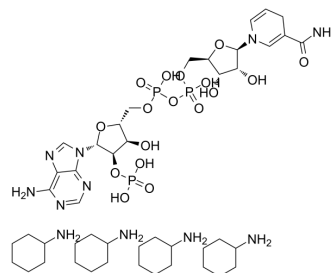


NADPH tetracyclohexanamine

Cat. No.:	HY-F0003A
CAS No.:	100929-71-3
Molecular Formula:	C ₄₅ H ₈₂ N ₁₁ O ₁₇ P ₃
Molecular Weight:	1142.12
Target:	Ferroptosis
Pathway:	Apoptosis
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (87.56 mM)
 DMSO : ≥ 84 mg/mL (73.55 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		0.8756 mL	4.3778 mL	8.7556 mL
	5 mM		0.1751 mL	0.8756 mL	1.7511 mL
	10 mM		0.0876 mL	0.4378 mL	0.8756 mL

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

BIOLOGICAL ACTIVITY

Description

NADPH tetracyclohexanamine is a ubiquitous cofactor and biological reducing agent.

CUSTOMER VALIDATION

- Eur J Pharm Sci. 2021, 105889.
- Drug Des Dev Ther. 2020 Nov 30;14:5259-5273.
- Xenobiotica. 04 Jan 2022.

See more customer validations on www.MedChemExpress.com

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

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