

nor-NOHA acetate

Chemical Properties

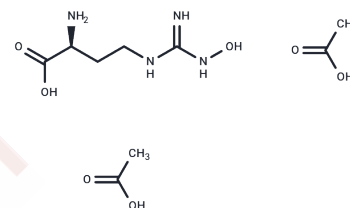
CAS No. : 1140844-63-8

Formula: C₉H₂₀N₄O₇

Molecular Weight: 296.28

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	nor-NOHA acetate (Nw-Hydroxy-nor-L-arginine acetate) is a reversible inhibitor of arginase with anti-leukemic activity, effective in treating endothelial dysfunction, immunosuppression, and metabolism regulation.
Targets(IC50)	Apoptosis,Arginase

Solubility Information

Solubility	H ₂ O: 200 mg/mL (675.04 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3752 mL	16.8759 mL	33.7519 mL
5 mM	0.675 mL	3.3752 mL	6.7504 mL
10 mM	0.3375 mL	1.6876 mL	3.3752 mL
50 mM	0.0675 mL	0.3375 mL	0.675 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ng KP, et al. The arginase inhibitor Nw-hydroxy-nor-arginine (nor-NOHA) induces apoptosis in leukemic cells specifically under hypoxic conditions but CRISPR/Cas9 excludes arginase 2 (ARG2) as the functional target. PLoS One. 2018 Oct 11;13(10):e0205254.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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