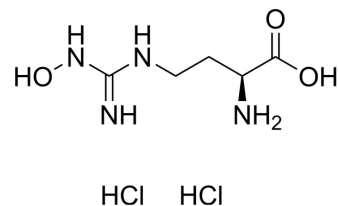


nor-NOHA dihydrochloride

Cat. No.:	HY-112885C
CAS No.:	291758-32-2
Molecular Formula:	C ₅ H ₁₄ Cl ₂ N ₄ O ₃
Molecular Weight:	249.1
Target:	Apoptosis; Arginase
Pathway:	Apoptosis; Immunology/Inflammation; Metabolic Enzyme/Protease
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

DMSO : 100 mg/mL (401.45 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.0145 mL	20.0723 mL	40.1445 mL
	5 mM	0.8029 mL	4.0145 mL	8.0289 mL
	10 mM	0.4014 mL	2.0072 mL	4.0145 mL

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

BIOLOGICAL ACTIVITY

Description

nor-NOHA dihydrochloride is a selective and reversible arginase inhibitor. nor-NOHA dihydrochloride induces apoptosis in ARG2-expressing cells under hypoxia. nor-NOHA dihydrochloride has anti-leukemic activity. nor-NOHA dihydrochloride can be used in study endothelial dysfunction, immunosuppression and metabolism^[1].

CUSTOMER VALIDATION

- Front Cell Dev Biol. 2021 Dec 23;9:741911.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Ng KP, et al. The arginase inhibitor Nω-hydroxy-nor-arginine (nor-NOHA) induces apoptosis in leukemic cells specifically under hypoxic conditions but CRISPR/Cas9

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

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