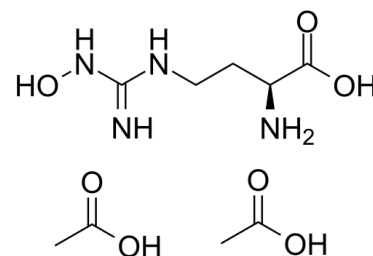


Data Sheet

Product Name:	nor-NOHA acetate
Cat. No.:	CS-0086254
CAS No.:	1140844-63-8
Molecular Formula:	C ₉ H ₂₀ N ₄ O ₇
Molecular Weight:	296.28
Target:	Apoptosis; Arginase
Pathway:	Apoptosis; Immunology/Inflammation; Metabolic Enzyme/Protease
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

nor-NOHA acetate is a specific and reversible **arginase** inhibitor, induces apoptosis in ARG2-expressing cells under hypoxia but not normoxia. Anti-leukemic activity, effective in endothelial dysfunction, immunosuppression and metabolism^[1]. IC₅₀ & Target: Arginase [1]

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 excludes arginase 2 (ARG2) as the functional target. PLoS One. 2018 Oct 11;13(10):e0205254.

CAIndexNames:

Butanoic acid, 2-amino-4-[[[(hydroxyamino)iminomethyl]amino]-, (2S)-, acetate (1:2)

SMILES:

O=C(O)[C@@H](N)CCNC(NO)=N.CC(O)=O.CC(O)=O

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

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