

CHS-828 nicotinate

Chemical Properties

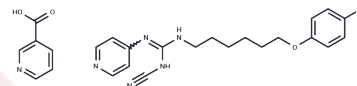
CAS No. : 1160589-73-0

Formula: C₂₅H₂₇ClN₆O₃

Molecular Weight: 494.97

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	CHS-828 nicotinate is a CHS-828 salt with Nicotinic acid.. CHS-828 also known as GMX-1778, is a potent and selective NAMPT inhibitor. CHS-828 inhibits cellular synthesis of NAD. CHS 828 kill tumour cells by inhibiting the nuclear factor-kappaB translocation but unlikely through down-regulation of proteasome. CHS 828 has shown promising anticancer activity in experimental tumor models and primary cultures of cancer cells from patients. CHS 828 showed a synergistic effect with melphalan in 67%, doxorubicin in 47%, etoposide in 38% and Ara-C in 14% of AML samples.
Targets(IC50)	Apoptosis,Others,NAMPT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0203 mL	10.1016 mL	20.2032 mL
5 mM	0.4041 mL	2.0203 mL	4.0406 mL
10 mM	0.202 mL	1.0102 mL	2.0203 mL
50 mM	0.0404 mL	0.202 mL	0.4041 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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