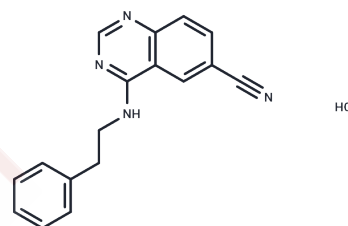


Senexin A hydrochloride

Chemical Properties

CAS No. : 1780390-76-2
 Formula: C₁₇H₁₅ClN₄
 Molecular Weight: 310.78
 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	Senexin A hydrochloride functions as a selective inhibitor of CDK8/19, with an IC ₅₀ of 280 nM for CDK8, and specifically inhibits p21-induced transcription without affecting other biological effects of p21. Additionally, it suppresses CMV-GFP induction and the stimulatory activity of the consensus NF-κB-dependent promoters [1] [2].
Targets(IC ₅₀)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2177 mL	16.0886 mL	32.1771 mL
5 mM	0.6435 mL	3.2177 mL	6.4354 mL
10 mM	0.3218 mL	1.6089 mL	3.2177 mL
50 mM	0.0644 mL	0.3218 mL	0.6435 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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