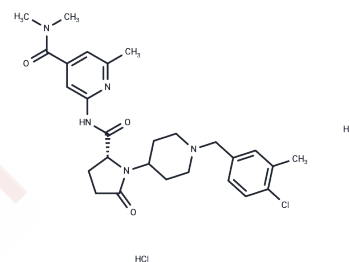


ALK4290 dihydrochloride

Chemical Properties

CAS No. :	1372127-19-9
Formula:	C ₂₇ H ₃₆ Cl ₃ N ₅ O ₃
Molecular Weight:	584.97
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	ALK4290 dihydrochloride (AKST4290 dihydrochlorid) serves as a potent and orally active inhibitor of CCR3, exhibiting a K _i of 3.2 nM for hCCR3 [1]. It is primarily used in research related to neovascular age-related macular degeneration and Parkinsonism [2] [3].
Targets(IC50)	CCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7095 mL	8.5474 mL	17.0949 mL
5 mM	0.3419 mL	1.7095 mL	3.419 mL
10 mM	0.1709 mL	0.8547 mL	1.7095 mL
50 mM	0.0342 mL	0.1709 mL	0.3419 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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