

B07 hydrochloride

Chemical Properties

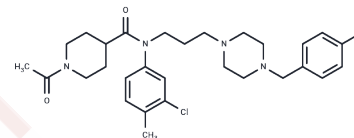
CAS No. : 1260629-43-3

Formula: C₂₉H₃₈ClFN₄O₂

Molecular Weight: 529.09

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	B07 hydrochloride is a CCR5 antagonist-based inhibitor of HIV-1 entry.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.890 mL	9.4502 mL	18.9004 mL
5 mM	0.378 mL	1.890 mL	3.7801 mL
10 mM	0.189 mL	0.945 mL	1.890 mL
50 mM	0.0378 mL	0.189 mL	0.378 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.

Reference

Dong MX, Lu L, Li H, Wang X, Lu H, Jiang S, Dai QY. Design, synthesis, and biological activity of novel 1,4-disubstituted piperidine/piperazine derivatives as CCR5 antagonist-based HIV-1 entry inhibitors. *Bioorg Med Chem Lett.* 2012 May 1;22(9):3284-6. doi: 10.1016/j.bmcl.2012.03.019. Epub 2012 Mar 11. PubMed PMID: 22464131.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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