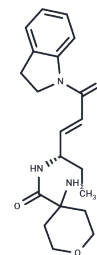


GSK-2793660

Chemical Properties

CAS No. : 1613458-70-0
 Formula: C₂₀H₂₇N₃O₃
 Molecular Weight: 357.45
 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	GSK-2793660 is an orally active and irreversible inhibitor of Cathepsin C (CTSC). GSK-2793660 is a bioactive dipeptide that can be used for the research of bronchiectasis [1] [2].
Targets(IC50)	Others,Cysteine Protease
In vivo	GSK-2793660 is a cathepsin C (also known as dipeptidyl peptidase I enzyme) inhibitor in clinical trials for the treatment of cystic fibrosis, non-cystic fibrosis bronchiectasis, anti-neutrophil cytoplasmic autoantibody (ANCA)-associated vasculitis and bronchiectasis [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7976 mL	13.988 mL	27.9759 mL
5 mM	0.5595 mL	2.7976 mL	5.5952 mL
10 mM	0.2798 mL	1.3988 mL	2.7976 mL
50 mM	0.056 mL	0.2798 mL	0.5595 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

Szcześniak P, et al. The Synthesis of α,α -Disubstituted α -Amino Acids via Ichikawa Rearrangement. J Org Chem. 2016 Feb 5;81(3):1057-74.

Miller BE, et al. Epithelial desquamation observed in a phase I study of an oral cathepsin C inhibitor (GSK2793660). Br J Clin Pharmacol. 2017 Dec;83(12):2813-2820.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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