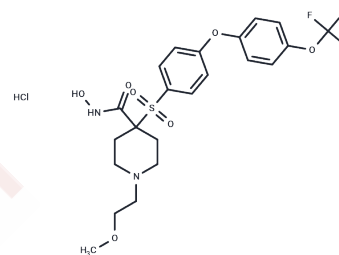


SD-2590 HCl

Chemical Properties

CAS No. :	226395-93-3
Formula:	C22H26ClF3N2O7S
Molecular Weight:	554.96
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	SD-2590 HCl is an MMP-2,-3, -9, -8, 13, and -14 inhibitor.
Targets(IC50)	MMP,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8019 mL	9.0097 mL	18.0193 mL
5 mM	0.3604 mL	1.8019 mL	3.6039 mL
10 mM	0.1802 mL	0.901 mL	1.8019 mL
50 mM	0.036 mL	0.1802 mL	0.3604 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

Becker DP, Barta TE, Bedell LJ, Boehm TL, Bond BR, Carroll J, Carron CP, Decrescenzo GA, Easton AM, Freskos JN, Funckes-Shippy CL, Heron M, Hockerman S, Howard CP, Kiefer JR, Li MH, Mathis KJ, McDonald JJ, Mehta PP, Munie GE, Sunyer T, Swearingen CA, Villamil CI, Welsch D, Williams JM, Yu Y, Yao J. Orally active MMP-1 sparing α -tetrahydropyranyl and α -piperidinyl sulfone matrix metalloproteinase (MMP) inhibitors with efficacy in cancer, arthritis, and cardiovascular disease. J Med Chem. 2010 Sep 23;53(18):6653-80. doi: 10.1021/jm100669j. PubMed PMID: 20726512.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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