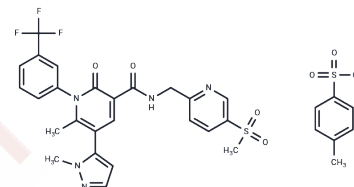


Alvelestat tosylate

Chemical Properties

CAS No. :	1240425-05-1
Formula:	C32H30F3N5O7S2
Molecular Weight:	717.73
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	Alvelestat can inhibit neutrophil elastase (NE), which acts an important role in NET formation.
Targets(IC50)	Others,Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3933 mL	6.9664 mL	13.9328 mL
5 mM	0.2787 mL	1.3933 mL	2.7866 mL
10 mM	0.1393 mL	0.6966 mL	1.3933 mL
50 mM	0.0279 mL	0.1393 mL	0.2787 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

Li H, Zhou X, Tan H, Hu Y, Zhang L, Liu S, Dai M, Li Y, Li Q, Mao Z, Pan P, Su X, Hu C. Neutrophil extracellular traps contribute to the pathogenesis of acid-aspiration-induced ALI/ARDS. *Oncotarget*. 2017 Nov 28;9(2):1772-1784. doi: 10.18632/oncotarget.22744. eCollection 2018 Jan 5. PubMed PMID: 29416730; PubMed Central PMCID: PMC5788598.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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