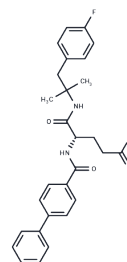


AGG-523

Chemical Properties

CAS No. : 920289-29-8
 Formula: C₂₈H₂₉FN₂O₄
 Molecular Weight: 476.54
 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	AGG-523 is an aggrecanase specific inhibitor that has been shown to attenuate increases in synovial fluid ARG-aggrecan levels following surgically-induced joint instability in the rat MT model. Pharmacologic inhibition of aggrecanase activity in humans using AGG-523 may be an effective treatment for slowing cartilage degradation following joint injury.
Targets(IC50)	Others,Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0985 mL	10.4923 mL	20.9846 mL
5 mM	0.4197 mL	2.0985 mL	4.1969 mL
10 mM	0.2098 mL	1.0492 mL	2.0985 mL
50 mM	0.042 mL	0.2098 mL	0.4197 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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