

TAK-756

Chemical Properties

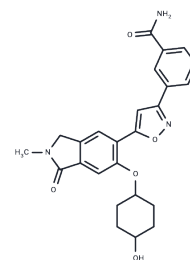
CAS No. :

Formula: C₂₅H₂₅N₃O₅

Molecular Weight: 447.483

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	TAK-756 is a TAK1 inhibitor that selectively targets IRAK1/4 and exhibits excellent intra-articular pharmacokinetic properties. TAK1 is a potential molecular target for osteoarthritis (OA) due to its complementary anti-catabolic and anti-inflammatory effects.
Targets(IC50)	MAPK,MAP3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2347 mL	11.1737 mL	22.3474 mL
5 mM	0.4469 mL	2.2347 mL	4.4695 mL
10 mM	0.2235 mL	1.1174 mL	2.2347 mL
50 mM	0.0447 mL	0.2235 mL	0.4469 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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