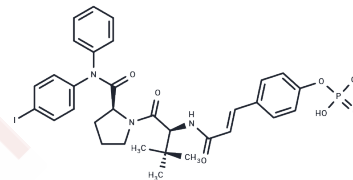


STAT6-IN-3

Chemical Properties

CAS No. : 371919-80-1
 Formula: C₃₂H₃₅N₃O₇P
 Molecular Weight: 731.51
 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	STAT6-IN-3 (Compound 18a) is an inhibitor of STAT6, targeting the Src Homology 2 (SH2) domain with an IC ₅₀ value of 44 nM. It is used in research on inflammatory disorders, such as asthma [1].
Targets(IC ₅₀)	STAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.367 mL	6.8352 mL	13.6704 mL
5 mM	0.2734 mL	1.367 mL	2.7341 mL
10 mM	0.1367 mL	0.6835 mL	1.367 mL
50 mM	0.0273 mL	0.1367 mL	0.2734 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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