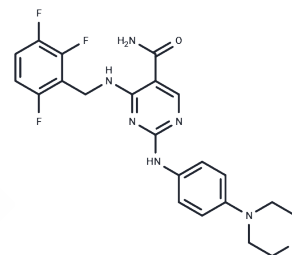


YM-341619

Chemical Properties

CAS No. : 643082-52-4
 Formula: C₂₂H₂₁F₃N₆O₂
 Molecular Weight: 458.44
 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	YM-341619 (AS1617612) is a potent, orally active STAT6 inhibitor (IC ₅₀ : 0.70 nM) that inhibits IL-4-induced Th2 differentiation in mouse splenic T cells with an IC ₅₀ value of 0.28 nM, without affecting Th1 cell differentiation. YM-341619 holds potential for research into allergic diseases, such as allergic asthma.
Targets(IC ₅₀)	Others,STAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1813 mL	10.9066 mL	21.8131 mL
5 mM	0.4363 mL	2.1813 mL	4.3626 mL
10 mM	0.2181 mL	1.0907 mL	2.1813 mL
50 mM	0.0436 mL	0.2181 mL	0.4363 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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