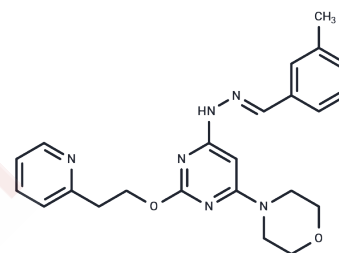


Apilimod

Chemical Properties

CAS No. : 541550-19-0
 Formula: C₂₃H₂₆N₆O₂
 Molecular Weight: 418.49
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Apilimod (STA 5326) inhibits the production of IL-12 and IL-23 and reduces dendritic cell infiltration in psoriasis.
Targets(IC50)	IL Receptor, Interleukin, PI3K

Solubility Information

Solubility	DMSO: 200 mg/mL (477.91 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3895 mL	11.9477 mL	23.8954 mL
5 mM	0.4779 mL	2.3895 mL	4.7791 mL
10 mM	0.239 mL	1.1948 mL	2.3895 mL
50 mM	0.0478 mL	0.239 mL	0.4779 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.

Reference

Wada Y, et al. PLoS One. 2012;7(4):e35069.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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