

SP4206

Chemical Properties

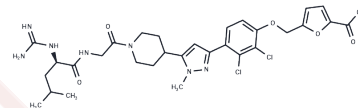
CAS No. : 515846-21-6

Formula: C₃₀H₃₇Cl₂N₇O₆

Molecular Weight: 662.56

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	SP4206 is an interaction inhibitor of IL-2/IL-2R α (IL-2 and IL-2R α with K _d of 70 nM and 10 nM, respectively)
Targets(IC ₅₀)	IL Receptor, Interleukin
In vitro	SP4206 binds the WT IL-2, IL-2 variant K35L/M39V, IL-2 variant P65A, and IL-2 variant V69A (EC ₅₀ s of 68.8, 80.1, 117.0, and 10.4 nM, respectively).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5093 mL	7.5465 mL	15.093 mL
5 mM	0.3019 mL	1.5093 mL	3.0186 mL
10 mM	0.1509 mL	0.7546 mL	1.5093 mL
50 mM	0.0302 mL	0.1509 mL	0.3019 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.

Reference

Thanos CD, et al. Hot-spot mimicry of a cytokine receptor by a small molecule. Proc Natl Acad Sci U S A. 2006 Oct 17;103(42):15422-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481