

TLR7/8 antagonist 2

Chemical Properties

CAS No. :

Formula: C₂₂H₂₆FN₅

Molecular Weight: 379.47

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

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|----------------------------|--|
| Description | TLR7/8 antagonist 2 (Compound 15) is a highly potent and orally active agonist of TLR7/8 with IC ₅₀ values of 4.9 nM for TLR7 and 0.6 nM for TLR8, making it a promising candidate for treating and investigating autoimmune diseases like lupus erythematosus, which involves inappropriate activation of TLR7 and TLR8. Consequently, TLR7/8 antagonist 2 is a valuable tool for autoimmune disease research [1]. |
| Targets(IC ₅₀) | Others,TLR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.6353 mL | 13.1763 mL | 26.3525 mL |
| 5 mM | 0.5271 mL | 2.6353 mL | 5.2705 mL |
| 10 mM | 0.2635 mL | 1.3176 mL | 2.6353 mL |
| 50 mM | 0.0527 mL | 0.2635 mL | 0.5271 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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