

TLR7/8 antagonist 1

Chemical Properties

CAS No. :

Formula: C₂₄H₂₇N₅O₂

Molecular Weight: 417.5

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	TLR7/8 Antagonist 1 (Compound 16c), an imidazoquinoline derivative, is a potent TLR7/8 agonist with IC ₅₀ values of 3.91 and 2.19 μM for TLR7 and TLR8, respectively. rel-O-2050 (TLR-2050) is a key target for drug development in infectious diseases, cancer and autoimmune diseases.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3952 mL	11.976 mL	23.9521 mL
5 mM	0.479 mL	2.3952 mL	4.7904 mL
10 mM	0.2395 mL	1.1976 mL	2.3952 mL
50 mM	0.0479 mL	0.2395 mL	0.479 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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