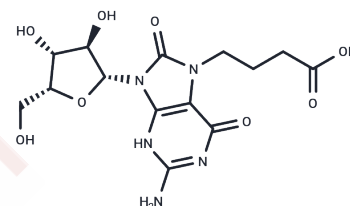


TLR7 agonist 12

Chemical Properties

CAS No. :	2389988-47-8
Formula:	C ₁₄ H ₁₉ N ₅ O ₈
Molecular Weight:	385.33
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	TLR7 agonist 12 (example 20), a purine nucleoside analog, functions as a TLR7 agonist with broad antitumor activity, particularly against indolent lymphoid malignancies. Its anticancer mechanisms include DNA synthesis inhibition, apoptosis induction, among others [1] [2].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5952 mL	12.9759 mL	25.9518 mL
5 mM	0.519 mL	2.5952 mL	5.1904 mL
10 mM	0.2595 mL	1.2976 mL	2.5952 mL
50 mM	0.0519 mL	0.2595 mL	0.519 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481