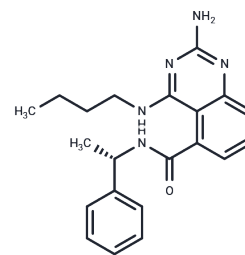


TLR7 agonist 1

Chemical Properties

CAS No. :	2178156-33-5
Formula:	C ₂₁ H ₂₅ N ₅ O
Molecular Weight:	363.46
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 1 is a selective and oral TLR7 agonist (IC ₅₀ : 90 nM).
Targets(IC ₅₀)	TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7513 mL	13.7567 mL	27.5133 mL
5 mM	0.5503 mL	2.7513 mL	5.5027 mL
10 mM	0.2751 mL	1.3757 mL	2.7513 mL
50 mM	0.055 mL	0.2751 mL	0.5503 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

Pieters S, et al. Discovery of selective 2,4-diaminoquinazoline toll-like receptor 7 (TLR 7) agonists. Bioorg Med Chem Lett. 2018 Feb 15;28(4):711-719.

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