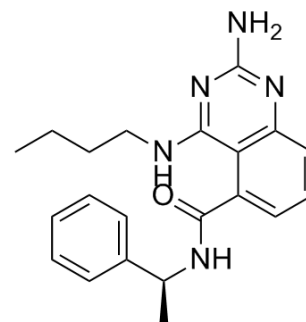


TLR 7 agonist 1

Cat. No.:	HY-111358
CAS No.:	2178156-33-5
Molecular Formula:	C ₂₁ H ₂₅ N ₅ O
Molecular Weight:	363.46
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the COA.



Solvent & Solubility

In Vitro

10 mM in DMSO

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

 TLR 7 agonist 1 is a potent, selective and oral TLR7 agonist with an IC₅₀ of 90 nM.

IC₅₀ & Target

 TLR7
90 nM (IC₅₀)

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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