

Product Datasheet

CL264 (orb1710033)

Catalog Number	orb1710033
Category	Small Molecules
Description	CL264 is a selective Toll-like receptor 7 (TLR7) agonist used to investigate innate immune signaling pathways. This research compound is applicable for both in vitro and in vivo studies exploring antiviral responses, vaccine adjuvants, and autoimmune disease models.
Target	TLR
Purity	98.01%
MW	413.43
Target Areas	TLR
Solubility (25°C)	10% DMSO+90% Corn Oil:2.5 mg/mL (6.05 mM);DMSO:55 mg/mL (133.03 mM)
CAS Number	1510712-69-2
Formula	C ₁₉ H ₂₃ N ₇ O ₄
SMILES	<chem>CCCCNc1nc(N)c2[nH]c(=O)n(Cc3ccc(cc3)C(=O)NCC(O)=O)c2n1</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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