

Product Datasheet

TLR7/8 agonist 7d (orb1738372)

Catalog Number	orb1738372
Category	Small Molecules
Description	TLR7/8 agonist 1 is a dual agonist of Toll-like receptors 7 and 8, exhibiting immunostimulatory properties. It is utilized in research areas including oncology, antiviral studies, and immune-related diseases, with applications in both in vitro cellular assays and in vivo animal models to investigate innate immune activation.
Target	TLR
Purity	99.40% (May vary between batches)
MW	359.47
Target Areas	TLR
Solubility (25°C)	DMSO:8 mg/mL (22.25 mM)
CAS Number	1258457-59-8
Formula	C ₂₂ H ₂₅ N ₅
SMILES	<chem>N1=C(N)C=2N=C(N(C2C=3C=CC=CC13)CC4=CC=C(C=C4)CN)CCCC</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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