

Product Datasheet

TLR7 agonist 17 (orb2565154)

Catalog Number	orb2565154
Category	Small Molecules
Description	Compound 20 is a potent small molecule TLR7 agonist with EC ₅₀ values of 12 nM (hTLR7) and 17 nM (mTLR7). It is utilized in immuno-oncology research to study innate immune activation and has demonstrated anticancer activity in both cellular assays and in vivo tumor models.
Target	TLR
MW	483.61
CAS Number	2410517-32-5
Formula	C ₂₅ H ₃₇ N ₇ O ₃
SMILES	<chem>C(N1C2=C(N[C@@H](CCC)CCO)N=C(N)N=C2C=N1)C3=C(OC)C=C(CNC4CCOCC4)C=C3</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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