

Product Datasheet

TLR7 agonist 2 (orb1303015)

Catalog Number	orb1303015
Category	Small Molecules
Description	TLR7 agonist 2 (TLR7-IN-1) is a potent and selective TLR7 agonist with an LEC of 0.4 μ M. This small molecule is a valuable research tool for studying TLR7-mediated immune responses in both cellular assays and animal models of antiviral and anticancer immunity.
Target	TLR
Purity	99.33% (May vary between batches)
MW	336.35
Target Areas	TLR
Solubility (25°C)	DMSO:45 mg/mL (133.79 mM)
CAS Number	1642857-69-9
Formula	$C_{17}H_{16}N_6O_2$
SMILES	<chem>Cc1cc(COc2nc(N)nc3ccn(Cc4ccccc4)c23)no1</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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