

Product Datasheet

Gardiquimod (orb1308280)

Catalog Number	orb1308280
Category	Small Molecules
Description	Gardiquimod is a selective TLR7 agonist and imidazoquinoline analog that suppresses HIV-1 infection in macrophages and activated PBMCs at concentrations below 10 µM. This small molecule is utilized in immunology and virology research to study innate immune activation and antiviral mechanisms in both cellular and animal models.
Target	HIV Protease,TLR
Purity	98.00% (May vary between batches)
MW	313.4
Target Areas	HIV Protease TLR
Solubility (25°C)	DMF:18 mg/mL (57.43 mM);10% DMSO+40% PEG300+5% Tween-80+45% Saline:2 mg/mL (6.38 mM);DMSO:45 mg/mL (143.59 mM)
CAS Number	1020412-43-4
Formula	C ₁₇ H ₂₃ N ₅ O
SMILES	CCNCc1nc2c(N)nc3ccccc3c2n1CC(C)(C)O
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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