

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 μ M. 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	TLR,HIV Protease
Purity	99.68%
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	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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