

Product Datasheet

Gardiquimod hydrochloride (orb2945337)

Catalog Number	orb2945337
Category	Small Molecules
Description	Gardiquimod hydrochloride is a selective TLR7 agonist of the imidazoquinoline class. It demonstrates anti-HIV-1 activity in macrophages and activated PBMCs at concentrations below 10 µM. This compound is a valuable research tool for studying innate immunity, viral pathogenesis, and TLR7/8 signaling in both cellular and animal models.
Target	TLR,HIV Protease
MW	349.858
CAS Number	2956183-81-4
Formula	C ₁₇ H ₂₄ ClN ₅ O
SMILES	Cl.OC(C)(C)CN1C(=NC=2C(=NC=3C=CC=CC3C21)N)CNCC
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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