
GRP-60367

产品编号: D51582

CAS: 1309241-34-6

分子式: C₂₁H₂₇N₃O₂

纯度: ≥98%

InChi: InChI=1S/C₂₁H₂₇N₃O₂/c1-16-3-4-17(2)20(15-16)26-14-11-23-19-7-12-24(13-8-19)21(25)18-5-9-22-10-6-18/h3-6,9-10,15,19,23H,7-8,11-14H2,1-2H3

InChi Key: WNJMKSOJWRDLLM-UHFFFAOYSA-N

Smiles: CC1=CC(OCCNC2CCN(CC2)C(=O)C2C=CN=CC=2)=C(C)C=C1

外观: 固体粉末

作用通路: Others

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: GRP-60367 is a potent and selective rabies virus (RABV) entry inhibitor with nanomolar potency against some RABV strains. GRP-60367 inhibits entry of a subset of RABV strains. Resistance profiling of the chemotype revealed hot spots in conserved hydrophobic positions of the RABV G protein fusion loop that were confirmed in transient cell-to-cell fusion assays. Transfer of RABV G genes with signature resistance mutations into a recombinant VSV backbone resulted in the recovery of replication-competent virions with low susceptibility to the inhibitor.