

Netarsudil Mesylate

产品编号: D51423

CAS: 1422144-42-0

分子式: C₃₀H₃₅N₃O₉S₂

纯度: ≥98%

InChi: InChI=1S/C28H27N3O3.2CH4O3S/c1-18-3-10-25(19(2)13-18)28(33)34-17-20-4-6-21(7-5-20)26(15-29)27(32)31-24-9-8-23-16-30-12-11-22(23)14-24;2*1-5(2,3)4/h3-14,16,26H,15,17,29H2,1-2H3,(H,31,32);2*1H3,(H,2,3,4)/t26-;;/m1../s1

InChi Key: QQDRLKRHJOAQDC-FBHG DYME SA-N

Smiles: CC1=CC(C)=C(C=C1)C(=O)OCC1C=CC(=CC=1)[C@@H](CN)C(=O)NC1C=C2C=CN=CC2=CC=1.CS(O)(=O)=O.CS(O)(=O)=O

外观: 固体粉末

溶解性: Soluble in DMSO, not in water

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

产品介绍: Netarsudil, also known as AR-11324, is a Rho-associated protein kinase inhibitor. Netarsudil is potential useful for treating glaucoma and 欵?or reducing intraocular pressure. Netarsudil Increases Outflow Facility in Human Eyes Through Multiple Mechanisms. Netarsudil inhibited kinases ROCK1 and ROCK2 with a Ki of 1nM each, disrupted actin stress fibers and focal adhesions in TM cells with IC50s of 79 and 16nM, respectively, and blocked the profibrotic effects of TGF-β2 in HTM cells. Netarsudil produced large reductions in IOP in rabbits and monkeys that were sustained for at least 24h after once daily dosing, with transient, mild hyperemia observed as the only adverse effect.