

Fasudil Hydrochloride

产品编号: D51353

CAS: 105628-07-7

分子式: C₁₄H₁₈ClN₃O₂S

纯度: ≥98%

InChi: InChi=1S/C₁₄H₁₇N₃O₂S.ClH/c18-20(19,17-9-2-6-15-8-10-17)14-4-1-3-12-11-16-7-5-13(12)14;/h1,3-5,7,11,15H,2,6,8-10H2;1H

InChi Key: LFVPBERIVUNMGV-UHFFFAOYSA-N

Smiles: Cl.O=S(=O)(C1C=CC=C2C=NC=CC2=1)N1CCCNCC1

外观: 固体粉末

作用通路: Autophagy

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: Fasudil, also known as HA-1077, is a potent Rho-kinase inhibitor and vasodilator.

CAS号: 105628-07-7

分子式: C₁₄H₁₇N₃O₂S·HCl

分子量: 327.83

MDL: MFCD00943198

纯度: ≥98%

外观/性状: 粉末

沸点: 506.2°C

溶解性: Soluble in water (200 mg/mL), and DMSO (95 mg/mL). Insoluble in ethanol.

作用靶点: ROCK; Calcium Channel; Autophagy; PKA; PKC; HIV;

作用通路: Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad;

Membrane Transporter/Ion Channel; Neuronal Signaling; Autophagy; Protein Tyrosine

Kinase/RTK; Epigenetics; Anti-infection;

描述: 盐酸法舒地尔 (Fasudil Hydrochloride) 是一种非特异性 ROCK 抑制剂, 对蛋白激酶也有抑制作用, ROCK1 的 Ki 值为 0.33 μM, ROCK2 和 PKA, PKC, PKG 的 IC₅₀ 值分别 0.158 μM 和 4.58 μM, 12.30 μM, 1.650 μM。Fasudil Hydrochloride 也是一种有效的 Ca²⁺ 通道拮抗剂和血管扩张剂。