
SAR-407899

产品编号: D51125

CAS: 923359-38-0

分子式: C₁₄H₁₆N₂O₂

纯度: ≥98%

InChi: InChI=1S/C₁₄H₁₆N₂O₂/c17-14-13-2-1-12(9-10(13)3-8-16-14)18-11-4-6-15-7-5-11/h1-3,8-9,11,15H,4-7H₂, (H,16,17)

InChi Key: IPEXHQGMTHOKQV-UHFFFAOYSA-N

Smiles: O=C1NC=CC2=CC(=CC=C21)OC1CCNCC1

外观: 固体粉末

作用通路: ROCK

溶解性: Soluble in DMSO

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

产品介绍: SAR-407899 is a potent and selective Rho kinase inhibitor with promising antihypertensive activity. SAR407899 potentially inhibits endothelin-1-induced constriction of renal resistance arteries. SAR407899 is equipotent against human and rat-derived Rho-kinase 2 with inhibition constant values of 36 nM and 41 nM, respectively. SAR407899 is approximately 8-fold more active than fasudil. SAR407899 potentially (mean IC₅₀) values: 122 to 280 nM) and species-independently relaxed precontracted isolated arteries of different species and different vascular beds. The antihypertensive effect of SAR407899 was superior to that of fasudil and Y-27632.