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## Y-39983

产品编号: D51413

CAS: 199433-58-4

分子式: C<sub>16</sub>H<sub>16</sub>N<sub>4</sub>O

纯度: ≥98%

InChi: InChi=1S/C16H16N4O/c1-10(17)11-2-4-12(5-3-11)16(21)20-14-7-9-19-15-13(14)6-8-18-15/h2-10H,17H2,1H3,(H2,18,19,20,21)/t10-/m1/s1

InChi Key: JTVBXQAYBIJXRP-SNVBAGLBSA-N

Smiles: C[C@@H](N)C1C=CC(=CC=1)C(=O)NC1C=CN=C2NC=CC=12

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: Y-39983 (free base), also known as Y-33075, is a potent and selective inhibitor of ROCK family with IC<sub>50</sub> value of 3.6nM for ROCK. Y-39983 attenuates experimental autoimmune encephalomyelitis via inhibition of demyelination. Y-39983 downregulates RhoA/Rho-associated kinase expression during its promotion of axonal regeneration. Y-39983, promotes regeneration of crushed axons of retinal ganglion cells into the optic nerve of adult cats.