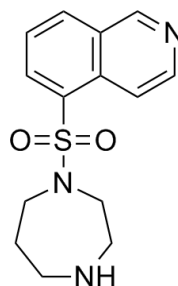


Product Name : Fasudil
Synonyms : Fasudil; AT 877; AT-877; AT877; HA 1077
Cat No. : M10187
CAS Number : 103745-39-7
Molecular Formula : C₁₄H₁₇N₃O₂S
Formula Weight : 291.37
Chemical Name : 1H-1,4-Diazepine, hexahydro-1-(5-isoquinolylsulfonyl)-



Description : Fasudil hydrochloride (INN) is a potent Rho-kinase inhibitor and vasodilator. Since it was discovered, it has been used for the treatment of cerebral vasospasm, which is often due to subarachnoid hemorrhage, as well as to improve the cognitive decline seen in stroke victims. It has been found to be effective for the treatment of pulmonary hypertension.

Pathway : Apoptosis

Target : PKA

Receptor : PKA; PKG; PKC; ROCK2; MLCK

Solubility : Soluble in DMSO

SMILES : O=S(N1CCNCCC1)(C2=CC=CC3=C2C=CN=C3)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Hu H, et al. Exp Mol Pathol. 2015 Apr;98(2):277-85.