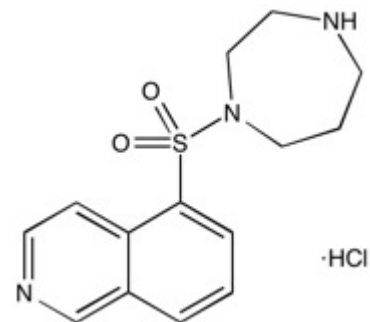


Fasudil HCl, ROCK inhibitor

Catalog	Unit
TBI2137-50MG	50 mg
TBI2137-250MG	250 mg

Product Details

Formal Name: 1-(5-Isoquinolinesulfonyl)homopiperazine HCl
Alternate Names: HA-1077
Molecular Formula: C₁₄H₁₇N₃O₂S · HCl
Formula Weight: 327.84
CAS Number: 105628-07-7
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 75 mg/ml) or in Water (up to 100 mg/ml).
Storage: RT
Stability: ≥ 2 years.



Applications

ROCK inhibitor

Functions

Rho-associated kinase inhibitor (IC₅₀ = 1.9 μM and 10.7 μM for Rho-associated kinase II and Rho-associated kinase respectively). Inhibits other kinases including cyclic nucleotide-dependent protein kinases. Reduces tryptamine-evoked vasopressor responses. attenuates bleomycin-induced pulmonary fibrosis in a mouse model. Clinically useful vasodilator.

Application Procedures

First dissolved in DMSO (up to 75 mg/ml) or in Water (up to 100 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20° for up to 1 month.

For research use only.