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# **DATASHEET**

HA 1100 hydrochloride

### **Product overview**

Name HA 1100 hydrochloride

Cat No HB2293 **Alternative names** Hydroxyfasudil **Biological action** Inhibitor **Purity** >99%

Description Selective, reversible, cell-permeable ROCK inhibitor

## **Biological Data**

**Biological description** Selective, reversible, ATP-competitive ROCK inhibitor. Cell-permeable. Active metabolite of Fasudile

(HA-1077). Displays ~ 100-fold selective over other protein kinases. Shows potent vasodilatory effects.

Active in vivo.

## **Solubility & Handling**

Solubility overview Soluble in water (20mM)

Storage instructions -20°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** Stable for ambient temperature shipping. Follow storage instructions on receipt.

**Important** 

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

#### **Chemical Data**

Chemical name 1-[(1,2-Dihydro-1-oxo-5-isoquinolin yl)sulfonyl]hexahydro-1H-1,4-diazepine hydrochloride

Molecular Weight 343.83

 $C_{14}H_{17}N_3O_3S.HCI$ Molecular Formula **CAS Number** 155558-32-0 **PubChem identifier** 11371328

**SMILES** CI.OC1=NC=CC2=C(C=CC=C12)S(=O)(=O)N1CCCNCC1

XWWFOUVDVJGNNG-UHFFFAOYSA-N InChiKey