
Product Data Sheet

Product Name: SR 7826
Cat. No.: GC50219

Chemical Properties

Cas. No. 1219728-20-7

SMILES O=C(N(CCO)C4=CC=CC=C4)NC(C=C3)=CC=C3C1=C2C(NC=C2C)=NC=N1

Formula C22H21N5O2 M.Wt 387.43

Solubility DMSO : 100 mg/mL (258.11 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Potent and selective LIMK inhibitor (IC50 values are 43, 5536 and 6565 nM for LIMK1, ROCKI and ROCKII, respectively). Inhibits cofilin phosphorylation in A7r5 cells and suppresses migration and invasion of PC-3 cells in vitro. Orally bioavailable.

Yin et al (2015) Bis-aryl urea derivatives as potent and selective LIM kinase (Limk) inhibitors. J.Med.Chem. 58 1846 PMID:25621531

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
