
Product Data Sheet

Product Name: PF 04671536 hydrochloride

Cat. No.: GC50319

Chemical Properties

Cas. No. 1305116-67-9

SMILES CC1=NC(N)=C2N=NN(C2=N1)C[C@H]3CN(CCO3)CC4=NC=CS4.ClFormula $C_{14}H_{18}N_8OS.HCl$ M.Wt 382.87

Solubility Soluble in DMSO 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 PDE8B/8A inhibitor (IC50 values are 1.3 and 1.9 nM, respectively). Exhibits selectivity for PDE8A/B over other PDEs (IC50 values are >10 μM) and a range of other targets. Increases glucose-dependent insulin secretion from human pancreatic islet cells. Orally bioavailable.

DeNinno et al (2012) Discovery of triazolopyrimidine-based PDE8B inhibitors: exceptionally ligand-efficient and lipophilic ligand-efficient compounds for the treatment of diabetes. Bioorg.Med.Chem.Lett. 22 5721 PMID:22858141

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
