
Product Data Sheet

Product Name: STOCK2S 26016

Cat. No.: GC50206

Chemical Properties

Cas. No. 332922-63-1

SMILES NC1=C2C(C=CC(OCC)=C2)=NC3=C1C=CC(NCCC4=CC=CO4)=C3Formula C₂₀H₁₉N₃O₂ M.Wt 333.38

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**

Lysine deficient protein kinase (WNK) signaling inhibitor (IC₅₀ = 16 μM). Inhibits binding of WNK1 and WNK4 to SPAK and phosphorylation of downstream transporters, NKCC1 and NCC, in mouse vascular smooth muscle and distal convoluted tubule cell cultures exposed to hypotonic shock, respectively.

Mori et al (2013) Chemical library screening for WNK signalling inhibitors using fluorescence correlation spectroscopy. Biochem.J. 455 339 PMID:23981180

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