
Product Data Sheet

Product Name: RMM 46
Cat. No.: GC50294

Chemical Properties

Cas. No. 1307896-46-3

SMILES [H]/C(C1=CC=C(NN=C2C3=CC(OC)=C(OC)C(OC)=C3)C2=C1)=C(C#N)\C(NC(C)(C)CO)=O

Formula C₂₄H₂₆N₄O₅ M.Wt 450.5

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

MSK/RSK family kinase inhibitor. Exhibits selectivity for RSK2 over NEK2 and PLK1 (IC₅₀s are 12, 530 and 2200 nM, respectively). Inhibits MSK1, MSK2, RSK2 and RSK3 in cellular assays. Reduces CREB phosphorylation in HeLa cells.

Miller et al (2013) Electrophilic fragment-based design of reversible covalent kinase inhibitors. J.Am.Chem.Soc. 135 5298 PMID:23540679

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