

Product Data Sheet

Product Name: IWP-O1
Cat. No.: GC34628

Chemical Properties

Cas. No. 2074607-48-8

SMILES O=C(CN1N=NC(C2=CC=NC=C2)=C1C3=CC=CC=C3)NC4=NC=C(C5=CC=CC=C5)C=C4

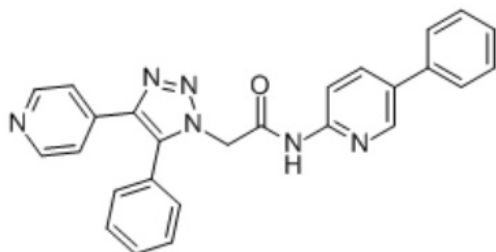
Formula $C_{26}H_{20}N_6O$ M.Wt 432.48

Solubility DMSO : 125 mg/mL (289.03 mM); Water : < 0.1 mg/mL (insoluble) Storage 4°C, protect from light

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

IWP-O1 is a highly potent Porcupine (Porcn) inhibitor, with an EC₅₀ of 80 pM in L-Wnt-STF cells, suppressing the phosphorylation of Dvl2/3 and LRP6 in HeLa cells. IWP-O1 functions by preventing the secretion of Wnt proteins[1]. EC₅₀: 80 pM (Porcn)[1].

[1]. You L, et al. Development of a triazole class of highly potent Porcn inhibitors. Bioorg Med Chem

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

Product Data Sheet

Lett. 2016 Dec 15;26(24):5891-5895.

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