

Product Data Sheet

Product Name: HG-14-10-04

Cat. No.: GC36222

Chemical Properties

Cas. No. 1356962-34-9

SMILES C1C=CN=C(NC2=CC=C(N3CCC(N4CCN(C)CC4)CC3)C=C2OC)N=C1C5=CNC6=CC=CC=C65

Formula $C_{29}H_{34}ClN_7O$ M.Wt 532.08

Solubility DMSO: 13.3 mg/mL (25.00 mM and warming) 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.

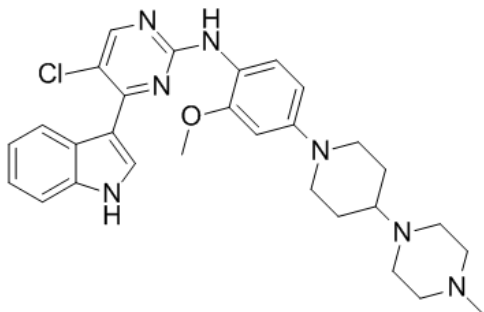
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

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Structure



Background

HG-14-10-04 is a potent and specific ALK inhibitor with IC₅₀ of 20 nM. IC₅₀ value: 20 nM Target: ALK More information can be found in the following Patent, Example 10 Preparation of substituted pyrimidinamines as ALK kinase inhibitors By Aquila, Brian; Kamhi, Victor; Peng, Bo; Pontz, Timothy; Saeh, Jamal Carlos; Thakur, Kumar; Yang, Bin From U.S. Pat. Appl. Publ. (2012), US 20120028924 A1 20120202.

[1]. U.S. Pat. Appl. Publ. (2012), US 20120028924 A1

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