

Product Data Sheet

Product Name: RET-IN-3

Cat. No.: GC61243

Chemical Properties

Cas. No. 2414374-53-9

SMILES CN(C)CCCNC1=NC2=C(C3=CC(OCO4)=C4C=C3)C=NN2C=C1

Formula $C_{18}H_{21}N_5O_2$

M.Wt 339.39

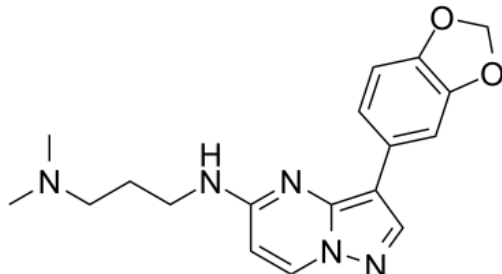
Solubility

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

RET-IN-3 (compound 34) is a selective RETV804M kinase inhibitor, with an IC₅₀ of 19 nM[1].

RET-IN-3 exhibits 16 and 410 fold selectivity compared to wt-RET and KDR, respectively[1].

[1]. Rebecca Newton, et al. Discovery and Optimization of wt-RET/KDR-Selective Inhibitors of RET V804M Kinase. ACS Med Chem Lett. 2020 Feb 28;11(4):497-505.

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