
Product Data Sheet

Product Name: c-Kit-IN-2

Cat. No.: GC35705

Chemical Properties

Cas. No. 2121515-37-3

SMILES CCN1CCN(C2=CC(NC3=NC=C(C4=CC=C(NC(NC5=NOC(CC)=C5)=O)C=C4)S3)=NC=N2)CC1

Formula C₂₅H₂₉N₉O₂S

M.Wt

519.62

Solubility Soluble in DMSO

Storage

Store at -20°C

General 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 Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue Condition ice upon request.

Structure

Background

c-Kit-IN-2 is a c-KIT inhibitor with an IC₅₀ of 82 nM, shows superior antiproliferative activities against all the three GIST cell lines, GIST882, GIST430, and GIST48, with GI₅₀s of 3, 1, and 2 nM, respectively[1]. IC₅₀: 82 nM (c-KIT)[1]

[1]. Wu TS, et al. Discovery of Conformational Control Inhibitors Switching off the Activated c-KIT and Targeting a Broad Range of Clinically Relevant c-KIT Mutants. J Med Chem. 2019 Apr 25;62(8):3940-3957.

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