
Product Data Sheet

Product Name: BI 9321
Cat. No.: GC50540

Chemical Properties

Cas. No. 2387510-86-1

SMILES CN1C=NC(C2=C(C=C(C=C2C)CN)C)=C1C3=C4C=CC(F)=CC4=NC=C3.Cl.Cl.Cl

Formula $C_{22}H_{21}FN_4 \cdot 3HCl$ M.Wt 469.81

Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Nuclear receptor-binding SET domain (NSD) 3 antagonist ($IC_{50} = 1.2 \mu M$). Selectively binds the PWWP1 domain of NSD3 ($K_d = 166 \text{ nM}$). Antagonizes the interaction of H3 with NSD3-PWWP1 in U2OS cells.

Böttcher et al (2019) Fragment-based discovery of a chemical probe for the PWWP1 domain of NSD3. Nat.Chem.Biol. 15 822 PMID:31285596

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