

Product Data Sheet

Product Name: BI-4916
Cat. No.: GC35514

Chemical Properties

Cas. No. 2244451-48-5

SMILES O=C(OCC)CS(=O)(C1=CC=C([C@H](NC(C(N2C)=CC3=C2C=C(C)C(CI)=C3CI)=O)CO)C=C1)=O

Formula $C_{23}H_{24}Cl_2N_2O_6S$ M.Wt 527.42

Solubility DMSO: 250 mg/mL (474.01 mM) 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.

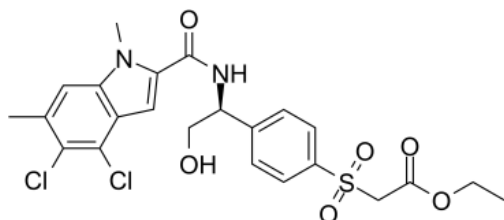
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

Product Data Sheet

Structure



Background

BI-4916 is a prodrug of BI-4924. BI-4924 is a NADH/NAD⁺-competitive PHGDH inhibitor[1].

[1]. Weinstabl H, et al. Intracellular Trapping of the Selective Phosphoglycerate Dehydrogenase (PHGDH) Inhibitor BI-4924 Disrupts Serine Biosynthesis. J Med Chem. 2019 Jul 31.

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