
Product Data Sheet

Product Name: LP117
Cat. No.: GC33907

Chemical Properties

Cas. No. 1056468-55-3

SMILES CCCCC(SC1=NC(NC2=CC=C3N=CC=CC3=C2)=CC(Cl)=N1)C(OCC)=O

Formula $C_{21}H_{23}ClN_4O_2S$ M.Wt 430.95

Solubility Soluble in DMSO 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

LP117 is a novel and potent inhibitor of 5-Lipoxygenase (5-LO) product synthesis with an IC50 of 1.1 μM.

[1]. Werz O, et al. Novel and potent inhibitors of 5-lipoxygenase product synthesis based on the structure of pirinixic acid. J Med Chem. 2008 Sep 11;51(17):5449-53.

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

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