
Product Data Sheet

Product Name: TL 13-12
 Cat. No.: GC50560

Chemical Properties

Cas. No. 2229037-04-9

SMILES COC1=C(C=CC(N2CCN(CC2)CCOCCOCCNC(CNC3=C4C(N(C(C4=CC=C3)=O)C5CCC(NC5=O)=O)=O)=O=C1)NC6=NC=C(C(NC7=C(C(C)C)=O)C=CC=C7)=N6)Cl

Formula C₄₅H₅₃ClN₁₀O₁₀S M.Wt 961.48

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

Selective anaplastic lymphoma kinase (ALK) degrader (DC50 values are 10 and 180 nM in H3122 and Karpas 299 cells, respectively). Comprises the cereblon E3 ligase ligand Pomalidomide , conjugated to an ALK inhibitor. Inhibits proliferation of ALK-positive cancer cell lines. Exhibits higher selectivity for ALK over Aurora A kinase compared with TL 13 -112 (Cat.No. 6745). Maximum degradation is exhibited at 16 h. Negative control TL 13-22 also available.

Powell et al (2018) Chemically induced degradation of anaplastic lymphoma kinase (ALK). J.Med.Chem. 61 4249 PMID:29660984

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

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