
Product Data Sheet

Product Name: dBRD9
 Cat. No.: GC50518

Chemical Properties

Cas. No. 2341840-98-8

SMILES COC1=CC(C2=CN(C(C3=CN=CC=C23)=O)C)=CC(OC)=C1CN(CC(NCCOCCOCCNC4=C5C(N(C(C5=CC=C4)=O)C6CCC(NC6=O)=O)=O)C

Formula C₄₀H₄₅N₇O₁₀·2HCl

M.Wt 856.75

Solubility Water 17.14 mg/ml, DMSO 42.84 mg/ml

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 tips below -20°C for several months.

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

Structure

Background

PROTAC® composed of the BRD9 inhibitor BI 7273 conjugated to the cereblon E3 ligase ligand pomalidomide . Potent and selective degrader of BRD9 (IC₅₀ = 56.6 nM in MOLM-13 cells). Does not degrade BRD4 or BRD7 at concentrations up to 5 μM. Displays antiproliferative effects in human AML cell lines. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Remillard et al (2017) Degradation of the BAF complex factor BRD9 by heterobifunctional ligands. Angew.Chem.Int.Ed.Engl. 56 5738
 PMID:28418626

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

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