

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)=O)C.Cl.Cl

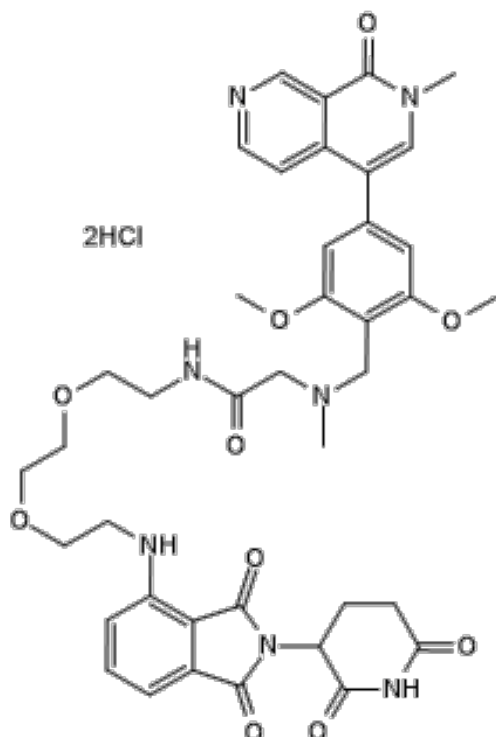
Formula C₄₀H₄₅N₇O₁₀·2HCl M.Wt 856.75

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

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

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

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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

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