
BT2

产品编号: D59167

CAS: 34576-94-8

分子式: C₉H₄Cl₂O₂S

纯度: 99.77%

InChi Key: InChIKey=AAHPIJMQJAZYTM-UHFFFAOYSA-N

Smiles: OC(=O)C1=C(Cl)C2=C(S1)C=C(Cl)C=C2

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Bcl

溶解性: DMSO:83.33 mg/mL (337.23 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: BT2 is a BCKDC kinase (BDK) inhibitor with an IC₅₀ of 3.19 μM. BT2 (compound 4) is also a potent and selective Mcl-1 inhibitor with a K_i value of 59 μM. BT2 binding to BDK triggers helix movements in the N-terminal domain, resulting in the dissociation of BDK from the branched-chain α-ketoacid dehydrogenase complex (BCKDC).