
TCID

产品编号: D50861

CAS: 30675-13-9

分子式: C₉H₂Cl₄O₂

纯度: ≥98%

InChi: InChI=1S/C₉H₂Cl₄O₂/c10-6-4-2(14)1-3(15)5(4)7(11)9(13)8(6)12/h1H2

InChi Key: IDLAOWFFKWRNHB-UHFFFAOYSA-N

Smiles: O=C1CC(=O)C2C1=C(Cl)C(Cl)=C(Cl)C=2Cl

外观: 固体粉末

作用通路: Deubiquitinase

溶解性: DMSO up to 50 mM

保存条件: Store in dry, dark place for one year.

产品介绍: TCID is a novel potent and selective inhibitor of ubiquitin C-terminal hydrolase-L3 (UCH-L3) with an IC₅₀ ~0.6 μM. It has ~125-fold greater selectivity over UCH-L1 (ubiquitin C-terminal hydrolase L1, IC₅₀ ~75 μM). TCID can diminish glycine transporter GlyT2 ubiquitination in brain stem and spinal cord primary neurons.