

Data Sheet

Product Information

Catalog Number	BP13529
Product Name	TCID
Description	TCID (4,5,6,7-Tetrachloroindan-1,3-dione) is a potent and selective neuronal ubiquitin C-terminal hydrolase (UCH-L3) inhibitor with an IC ₅₀ of 0.6 μM. TCID diminishes glycine transporter GlyT2 ubiquitination in brainstem and spinal cord primary neurons.
Targets&IC ₅₀	UCH-L3:0.6 μM
In vitro	TCID (4,5,6,7-Tetrachloroindan-1,3-dione; compound 11) inhibits UCH-L1 with an IC ₅₀ of 75 μM. TCID (10 μM; 1, 2 hours) diminishes glycine transporter GlyT2 ubiquitination in brainstem and spinal cord primary neurons.
Synonyms	UCH-L3 Inhibitor
CAS No.	30675-13-9
Chemical Formula	C ₉ H ₂ Cl ₄ O ₂
Molecular Weight	283.91
Solubility	DMSO: 100 mg/mL (296.45 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

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