

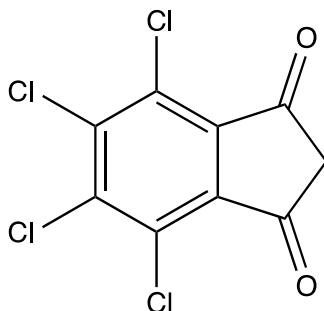
**Catalog # 10-2428**

**TCID**

CAS# 30675-13-9

4,5,6,7-Tetrachloro-1H-indene-1,3(2H)-dione

Lot # X104577



Inhibits ubiquitin C-terminal hydrolase L3 (UCH-L3).  $IC_{50}=0.6 \mu\text{M}$ , 125-fold selective over UCH-L1,  $IC_{50}=75 \mu\text{M}$ . Cell permeable.

- 1) Love *et al.* (2007), *Mechanisms, biology and inhibitors of deubiquitinating enzymes*; Nat. Chem. Biol., **3** 697
- 2) Mtango *et al.* (2012), *Essential role of ubiquitin C-terminal hydrolases UCHL1 and UCHL3 in mammalian oocyte maturation*; J. Cell Physiol., **227** 2022

**PHYSICAL DATA**

Molecular Weight: 283.93

Molecular Formula:  $\text{C}_9\text{H}_2\text{Cl}_4\text{O}_2$

Purity: 97% by TLC

NMR: (Conforms)

Solubility: DMSO (up to 25 mg/ml)

Physical Description: White solid

Storage and Stability: Store as supplied at room temperature for up to 1 year from the date of purchase.

Solutions in DMSO may be stored at  $-20^\circ\text{C}$  for up to 3 months.

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