

# MCC950 Sodium Salt

Cat. # F3210-5, F3210-25

**Also Known as:** CP-456773 Sodium  
**Formula:**  $C_{20}H_{23}N_2O_5SNa$   
**MW:** 426.46 g/mol  
**CAS No.:** 256373-96-3  
**Source:** Synthetic  
**Form:** Powder  
**Solubility:** Soluble in DMSO, Ethanol or water up to 20 mg/mL. To achieve better solubility, warm the solution at 37 °C and sonicate in an ultrasonic water bath.

**Preparation of Stocks in Ethanol:** 5 mg/mL = 11.72 mM

**Quality Assurance:** >97% purity assayed by NMR.

**Description:** MCC950 sodium salt is a selective inhibitor of NLRP3 with an IC50 value of 7.5 nM in bone marrow derived macrophages. It binds the NATCH domain of NLRP3 and blocks NLRP3 oligomerization and activation.

**Storage:** Eligible for room temperature shipping. Store at -20°C upon receiving. Avoid multiple freeze-thaw cycles after dissolving.

**Literature:**  
1. Coll R.C. et al., Nat.Medicine, 2015, 21, 248-255.  
2. Tapia-Abellan A. et al., Nat. Chem. Biol. 2019, 15, 560-4.