

## **GNE-6776**

Cat. # F4112-5, F4112-25

**Also Known as:**

**Formula:**  $C_{20}H_{20}N_4O_2$   
**MW:** 348.41 Da  
**CAS No.:** 2009273-60-1  
**Source:** Synthetic  
**Form:** Lyophilized Powder  
**Solubility:** Soluble in DMSO  
**Concentration:** N/A  
**Quality Assurance:** > 98% by HPLC and NMR

**Description:** GNE-6776 is a selective USP7 inhibitor that non-covalently targets USP7 (IC50 value at 1.34  $\mu$ M) to attenuate ubiquitin binding, thus inhibiting deubiquitinase activity. It induces tumour cell death and enhances cytotoxicity with chemotherapeutic agents and targeted compounds including PIM kinase inhibitors.

Preparing stock solution in DMSO up to 10 mg/ml. Typical working concentration range is 1 - 20  $\mu$ M.

**Storage:** Eligible for room temperature shipping. Store at -20°C or -80°C upon receiving; avoid multiple freeze-thaw cycles after dissolving in DMSO.

**Literature:** 1. Kategaya L, et al., 2017, Nature, 550(7677):534-538.