

Product Name : GNE-6776

Synonyms : GNE6776; GNE 6776

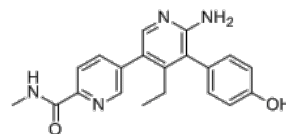
Cat No. : M13135

CAS Number : 2009273-71-4

Molecular Formula : C₂₀H₂₀N₄O₂

Formula Weight : 348.41

Chemical Name : 5-[6-Amino-4-ethyl-5-(4-hydroxyphenyl)-3-pyridyl]-N-methyl-pyridine-2-carboxamide



Description : GNE-6776 is a novel potent, specific, non-covalent, orally bioavailable USP7 inhibitor with IC₅₀ of 1.34 uM ; displays selectivity over USP47 and USP5 (>200 uM); promotes endogenous MDM2 ubiquitination, stabilized p53 and upregulated p21, induces tumour cell death and enhances cytotoxicity with chemotherapeutic agents; promotes on-target pathway modulation in human xenografts.

Pathway : Proteasome/Ubiquitin

Target : DUB

Receptor : USP7

Solubility : DMSO: ≥310 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)

SMILES : CCC1=C(C(=NC=C1C2=CN=C(C=C2)C(=O)NC)N)C3=CC=C(C=C3)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kategaya L, et al. Nature. 2017 Oct 26;550(7677):534-538.