

Product Name : USP8-IN-22c

Synonyms : —

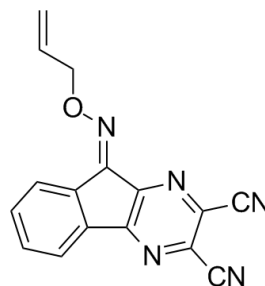
Cat No. : M16621

CAS Number : 924296-17-3

Molecular Formula : C₁₆H₉N₅O

Formula Weight : 287.28

Chemical Name : 9H-Indeno[1,2-b]pyrazine-2,3-dicarbonitrile, 9-[(2-propen-1-yloxy)imino]-



Description : A potent, selective ubiquitin-specific protease USP8 inhibitor with IC₅₀ of 0.56 μM; shows no inhibitory activity for USP7, USP5, SENP1, Uch-L3, and caspase 3 (IC₅₀>100 μM), and displays partial activity against Uch-L3; inhibits the viability of HCT116 colon and PC-3 prostate cancer cell lines with IC₅₀ values in the 0.5-1.5 μM range.

Pathway : Proteasome/Ubiquitin

Target : DUB

Receptor : DUB

Solubility : DMSO: 20.1 mg/mL

SMILES : C=CCON=C1C2=CC=CC=C2C3=NC(=C(N=C31)C#N)C#N

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Colombo M, et al. ChemMedChem. 2010 Apr 6;5(4):552-8.