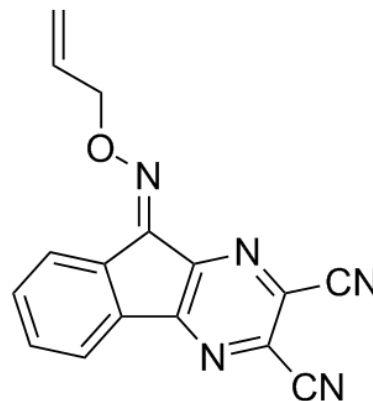


Product Name : USP8-IN-22c
Cat. No. : PC-45857
CAS No. : 924296-17-3
Molecular Formula : C₁₆H₉N₅O
Molecular Weight : 287.2756
Target : Deubiquitinase (DUB)
Solubility : DMSO: 20.1 mg/mL



Biological Activity

USP8-IN-22c is a potent, selective ubiquitin-specific protease **USP8** inhibitor with IC₅₀ of 0.56 μ M.

USP8-IN-22c shows no inhibitory activity for USP7, USP5, SENP1, Uch-L3, and caspase 3 (IC₅₀>100 μ M), and displays partial activity against Uch-L3.

USP8-IN-22c inhibits the viability of HCT116 colon and PC-3 prostate cancer cell lines with IC₅₀ values in the 0.5-1.5 μ M range.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com