

Product Name : USP25 and 28 inhibitor AZ-1

Synonyms : AZ1

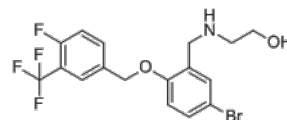
Cat No. : M13455

CAS Number : 2165322-94-9

Molecular Formula : C₁₇H₁₆BrF₄NO₂

Formula Weight : 422.22

Chemical Name : 2-((5-bromo-2-((4-fluoro-3-(trifluoromethyl)benzyl)oxy)benzyl)amino)ethan-1-ol



Description : USP25 and 28 inhibitor AZ-1 (AZ1) is a potent, selective, dual USP25/28 inhibitor with IC₅₀ of 0.7/0.6 μM, respectively; shows a high degree of selectivity over other deubiquitinases (USP4,7 etc.); demonstrates target engagement against both USP25 and USP28 in cells, elicits modulation of both the total levels and the half-life of the c-Myc oncoprotein in cells, and also induces apoptosis and inhibits cell viability in a range of cancer cell lines.

Pathway : Proteasome/Ubiquitin

Target : DUB

Receptor : DUB

Solubility : 10 mM in DMSO

SMILES : FC1=CC(COC2=CC=C(Br)C=C2CNCCO)=CC=C1F(F)F

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Wrigley JD, et al. ACS Chem Biol. 2017 Nov 28. doi: 10.1021/acscchembio.7b00334.