

Product Name : USP25 and 28 inhibitor AZ-2

Synonyms : USP25/28 inhibitor AZ2

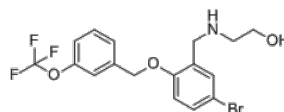
Cat No. : M13456

CAS Number : 2165322-95-0

Molecular Formula : C₁₇H₁₇BrF₃NO₃

Formula Weight : 420.23

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



Description : USP25 and 28 inhibitor AZ-2 is a potent, selective, dual USP25/28 inhibitor with IC₅₀ of 0.9/0.9 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 : C1=CC(=CC(=C1)OC(F)(F)F)COC2=C(C=C(C=C2)Br)CNCCO

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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