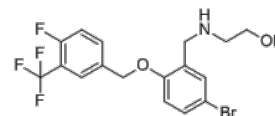


**Product Name** : USP28 inhibitor AZ1  
**Cat. No.** : PC-60023  
**CAS No.** : 2165322-94-9  
**Molecular Formula** : C<sub>17</sub>H<sub>16</sub>BrF<sub>4</sub>NO<sub>2</sub>  
**Molecular Weight** : 422.218  
**Target** : Deubiquitinase (DUB)  
**Solubility** : 10 mM in DMSO



### Biological Activity

USP28 inhibitor AZ1 (AZ1) is a potent, selective, dual **USP25/USP28** inhibitor with IC<sub>50</sub> of 0.7/0.6 uM, respectively. USP25 and 28 inhibitor AZ1 (AZ1) shows a high degree of selectivity over other deubiquitinases (USP4,7 etc.). USP25 and 28 inhibitor AZ1 (AZ1) 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.

### References

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

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

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