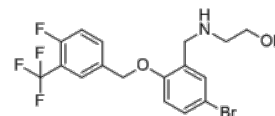


**Product Name** : USP25 and 28 inhibitor AZ-1  
**Cat. No.** : PC-60023  
**CAS No.** : 2165322-94-9  
**Molecular Formula** : C<sub>17</sub>H<sub>16</sub>BrF<sub>4</sub>NO<sub>2</sub>  
**Molecular Weight** : 422.218  
**Target** : Deubiquitinase (DUB)  
**Solubility** : 10 mM in DMSO



## Biological Activity

USP25 and 28 inhibitor AZ-1 (AZ1) is a potent, selective, dual **USP25/28** inhibitor with IC<sub>50</sub> of 0.7/0.6 μM, respectively. USP25 and 28 inhibitor AZ-1 (AZ1) shows a high degree of selectivity over other deubiquitinases (USP4,7 etc.). USP25 and 28 inhibitor AZ-1 (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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