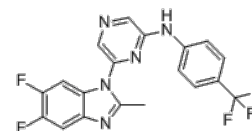


**Product Name** : PTC-028  
**Cat. No.** : PC-60464  
**CAS No.** : 1782970-28-8  
**Molecular Formula** : C<sub>19</sub>H<sub>12</sub>F<sub>5</sub>N<sub>5</sub>  
**Molecular Weight** : 405.332  
**Target** : BMI-1  
**Solubility** : 10 mM in DMSO



### Biological Activity

PTC-028 (PTC028) is a novel potent, selective, orally bioavailable **BMI-1** inhibitor with potent anti-MM activity against primary MM cells (IC<sub>50</sub>=10-100 nM).

PTC-028 decreases BMI-1 levels by posttranslational modification, selectively inhibits cancer cells in clonal growth and viability assays (IC<sub>50</sub>=100 nM), without effects on normal cells.

PTC-028 exhibits significant antitumor activity in mouse model of ovarian cancer.

### References

Dey A, et al. *Mol Cancer Ther.* 2017 Nov 20. doi: 10.1158/1535-7163.MCT-17-0574.

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

E-mail: tech@probechem.com