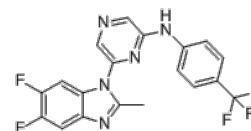


Product Name : PTC-028
Cat. No. : PC-60464
CAS No. : 1782970-28-8
Molecular Formula : C₁₉H₁₂F₅N₅
Molecular Weight : 405.332
Target : BMI-1
Solubility : 10 mM in DMSO



Biological Activity

PTC-028 (PTC028) is a novel potent, selective, orally bioavailable **BMI-1** inhibitor with potent anti-MM activity against primary MM cells (IC₅₀=10-100 nM).

PTC-028 decreases BMI-1 levels by posttranslational modification, selectively inhibits cancer cells in clonal growth and viability assays (IC₅₀=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!

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