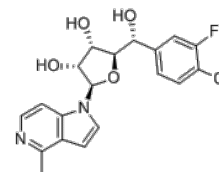


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<b>Product Name</b>	: PF-06855800
<b>Cat. No.</b>	: PC-35520
<b>CAS No.</b>	: 1989620-04-3
<b>Molecular Formula</b>	: C <sub>19</sub> H <sub>18</sub> ClFN <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	: 392.811
<b>Target</b>	: Histone Methyltransferase (HMTase)
<b>Solubility</b>	: 10 mM in DMSO



## Biological Activity

PF-06855800 (PF06855800) is a potent, selective, SAM competitive, BBB-penetrant, orally active inhibitor of protein arginine methyltransferase **PRMT5** with  $K_i$  of 0.02 nM.

PF-06855800 demonstrates antiproliferative activity in Z-138 cancer cells with  $IC_{50}$  of 1 nM, PF-06855800 also shows anti-tumor activity in Z-138 mice xenograft models.

## References

Indrawan J. Mcalpine, et al. Abstract 4857: Discovery of PF-06855800, a SAM competitive PRMT5 inhibitor with potent antitumor activity. DOI: 10.1158/1538-7445.AM2018-4857. **AACR** 2018.

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

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