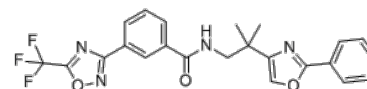


**Product Name** : TMP-195  
**Cat. No.** : PC-60293  
**CAS No.** : 1314891-22-9  
**Molecular Formula** : C<sub>23</sub>H<sub>19</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 456.42  
**Target** : HDAC  
**Solubility** : 10 mM in DMSO



## Biological Activity

TMP-195 is a first-in-class, potent, selective **class IIa HDACs** (HDAC4, HDAC5, HDAC7 and HDAC9) inhibitor with IC<sub>50</sub> of 60, 59, 26, and 15 nM, respectively.

TMP-195 shows no significant inhibition for others HDACs.

TMP-195 alters the tumour microenvironment and reduces tumour burden and pulmonary metastases by modulating macrophage phenotypes in mice.

TMP-195 induces the recruitment and differentiation of highly phagocytic and stimulatory macrophages within tumours.

## References

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Cassetta L, et al. Cell Res. 2017 Aug;27(8):963-964.

Groselj B, et al. Mol Cancer Ther. 2017 Aug 24. pii: molcanther.0011.2017.

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

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