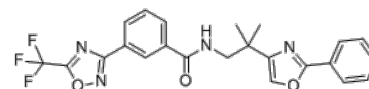


Product Name : TMP195
Cat. No. : PC-60293
CAS No. : 1314891-22-9
Molecular Formula : C₂₃H₁₉F₃N₄O₃
Molecular Weight : 456.42
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

TMP195 is a first-in-class, potent, selective **class IIa HDACs** (HDAC4, HDAC5, HDAC7 and HDAC9) inhibitor with IC₅₀ of 60, 59, 26, and 15 nM, respectively.

TMP195 shows no significant inhibition for others HDACs.

TMP195 alters the tumour microenvironment and reduces tumour burden and pulmonary metastases by modulating macrophage phenotypes in mice.

TMP195 induces the recruitment and differentiation of highly phagocytic and stimulatory macrophages within tumours.

References

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

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