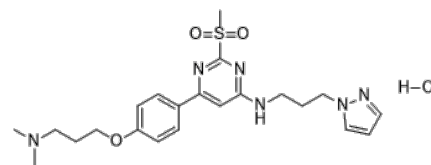


Product Name : TP-238 hydrochloride
Cat. No. : PC-28095
CAS No. : 2415263-05-5
Molecular Formula : C₂₂H₃₁ClN₆O₃S
Molecular Weight : 495.04
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

TP-238 hydrochloride (TP238) is a potent, selective **CECR2/BPTF** bromodomains chemical probe inhibitor with IC₅₀ of 30 nM against CECR2 and 350 nM against BPTF in an alphascreen assay, KD of 10 nM for CECR2 and 120 nM for BPTF in ITC assays.

TP-238 has been profiled against the panel of 338 kinases and showed no activity at 1 μM, the closest off-target bromodomain inhibition is BRD9 with IC₅₀ of 1.4 μM.

References

Michael A Clegg, et al. *ChemMedChem*. 2019 Feb 19;14(4):362-385.

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

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