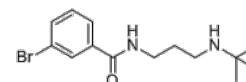


Product Name : UNC-2170
Cat. No. : PC-62384
CAS No. : 1648707-58-7
Molecular Formula : C₁₄H₂₁BrN₂O
Molecular Weight : 313.23
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

UNC-2170 is a small molecule ligand for the methyl-lysine binding protein **53BP1 (p53-binding protein 1)** with K_d of 22 μM against the 53BP1 tandem tudor domain.

UNC-2170 is highly cell permeant with no significant measurable cellular efflux.

UNC-2170 shows modestly potent, demonstrates at least 17-fold selectivity for 53BP1 as compared to nine other Kme reader proteins.

References

Perfetti MT, et al. *ACS Chem Biol.* 2015 Apr 17;10(4):1072-81.

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

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