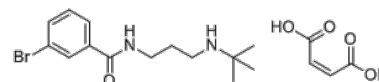


Product Name : UNC-2170 maleate
Cat. No. : PC-62385
CAS No. : 2173992-60-2
Molecular Formula : C₁₈H₂₅BrN₂O₅
Molecular Weight : 429.3
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

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

UNC-2170 maleate 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!

E-mail: tech@probechem.com