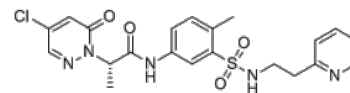


Product Name : BRD0639
Cat. No. : PC-72495
CAS No. : 2760881-74-9
Molecular Formula : C₂₁H₂₂ClN₅O₄S
Molecular Weight : 475.948
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

BRD0639 (BRD-0639) is a first-in-class, specific inhibitor of interaction between **PRMT5** and its substrate adaptor protein (PRMT5 binding motif) with IC₅₀ of 13.8 μM.

BRD0639 engages the target in cells, disrupts PRMT5-RIOK1 complexes, and reduces substrate methylation.

References

David C McKinney, et al. *J Med Chem*. 2021 Aug 12;64(15):11148-11168.

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

E-mail: tech@probechem.com