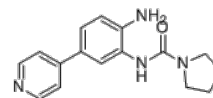


Product Name : BRD6688
Cat. No. : PC-72673
CAS No. : 1404562-17-9
Molecular Formula : C₁₆H₁₈N₄O
Molecular Weight : 282.3
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Biological Activity

BRD6688 is a potent, kinetically selective **HDAC2** inhibitor with IC₅₀ of 21/100 nM for HDAC1/2, >115-fold selectivity versus HDAC3.

BRD6688 produced significant increases in AcH4K12 and AcH3K9 in mouse forebrain primary neuronal cultures. BRD6688 rescued the memory defects associated with p25 induced neurodegeneration in CK-p25 induced neurodegenerative model.

References

F F Wagner, et al. *Chem Sci*. 2015 Jan 1;6(1):804-815.

Wagner FF, et al. *Bioorg Med Chem*. 2016 Sep 15;24(18):4008-4015.

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

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