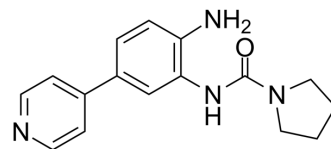


BRD6688

Cat. No.:	HY-117709
CAS No.:	1404562-17-9
Molecular Formula:	C ₁₆ H ₁₈ N ₄ O
Molecular Weight:	282.34
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BRD6688 is a selective HDAC2 inhibitor. BRD6688 increases H4K12 and H3K9 histone acetylation in primary mouse neuronal cells. BRD6688 crosses the blood brain barrier and rescues the memory defects associated with p25 induced neurodegeneration in contextual fear conditioning in a CK-p25 mouse model ^[1] .
IC ₅₀ & Target	HDAC2

REFERENCES

[1]. Wagner FF, et al. Kinetically Selective Inhibitors of Histone Deacetylase 2 (HDAC2) as Cognition Enhancers. Chem Sci. 2015 Jan 1;6(1):804-815.

Caution: Product has not been fully validated for medical applications. For research use only.

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