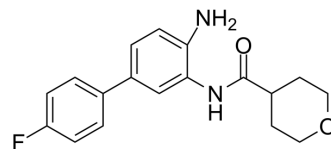


BRD4884

Cat. No.:	HY-102083		
CAS No.:	1404559-91-6		
Molecular Formula:	C ₁₈ H ₁₉ FN ₂ O ₂		
Molecular Weight:	314.35		
Target:	HDAC		
Pathway:	Cell Cycle/DNA Damage; Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 30 mg/mL (95.44 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.1812 mL	15.9058 mL	31.8117 mL
5 mM	0.6362 mL	3.1812 mL	6.3623 mL
10 mM	0.3181 mL	1.5906 mL	3.1812 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

BRD4884 is a potent HDAC inhibitor with IC₅₀ values of 29 nM, 62 nM, and 1.09 μM for HDAC1, 2, and 3, respectively^[1].

IC₅₀ & Target

HDAC1 29 nM (IC ₅₀)	HDAC2 62 nM (IC ₅₀)	HDAC3 1.09 μM (IC ₅₀)
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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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