

Product Datasheet

CHDI 00484077

Catalog No. **BP-00025** · CAS **3025894-92-9** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-28**

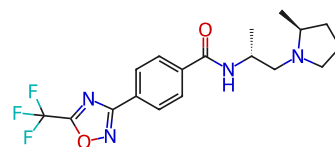
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Target HDAC	Research area Neurological Disease
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Molecular formula **C₁₈H₂₁F₃N₄O₂**

Molecular weight **382.3801**

STRUCTURE



DESCRIPTION

CHDI-00484077 (Compound 12) is a CNS-penetrant class IIa HDAC inhibitor, with IC₅₀s of 0.01 μM (HDAC4), 0.02 μM (HDAC5), 0.02 μM (HDAC7), 0.03 μM (HDAC9) respectively. CHDI-00484077 can be used for research of huntington's disease.

SOLUBILITY

Soluble in DMSO : 10.71 mg/mL

REFERENCES

[1]. Stott AJ, et al. Evaluation of 5-(Trifluoromethyl)-1,2,4-oxadiazole-Based Class IIa HDAC Inhibitors for Huntington's Disease. ACS Med Chem Lett. 2021 Feb 11;12(3):380-388.

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