

Product Name : CRA-026440

Synonyms : —

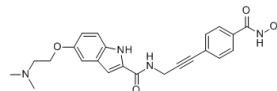
Cat No. : M32864

CAS Number : 847460-34-8

Molecular Formula : C₂₃H₂₄N₄O₄

Formula Weight : 420.46

Chemical Name : —



Description : CRA-026440 is a potent, broad-spectrum HDAC inhibitor. The K_i values against recombinant HDAC isoenzymes HDAC1, HDAC2, HDAC3, HDAC6, HDAC8, and HDAC10 are 4, 14, 11, 15, 7, and 20 nM respectively. CRA-026440 shows antitumor and antiangiogenic activities. CRA-026440 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

Pathway : Cell Cycle/DNA Damage

Target : HDAC

Receptor : HDAC

Solubility : In Vitro: ?DMSO : 100 mg/mL (237.83 mM; Ultrasonic)

SMILES : O=C(NO)C1=CC=C(C#CCNC(=O)C2=CC=3C=C(C(OCCN(C)C)C=CC3N2)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Cao ZA, et al. CRA-026440: a potent, broad-spectrum, hydroxamic histone deacetylase inhibitor with antiproliferative and antiangiogenic activity in vitro and in vivo. Mol Cancer Ther. 2006 Jul;5(7):1693-701.?