

Product Name : KDM4D-IN-10r

Synonyms : —

Cat No. : M13322

CAS Number : 2098902-68-0

Molecular Formula : C₁₁H₇N₅O

Formula Weight : 225.21

Chemical Name : 5-hydroxy-2-methylpyrazolo[1,5-a]pyrido[3,2-e]pyrimidine-3-carbonitrile

Description : KDM4D-IN-10r is a potent, selective histone lysine demethylase 4D (KDM4D) inhibitor with IC₅₀ of 0.41 uM; has no significant activity against KDM2B, KDM3B, KDM2B (IC₅₀>10 uM).

Pathway : Chromatin/Epigenetic

Target : Histone Demethylase

Receptor : KDM4D

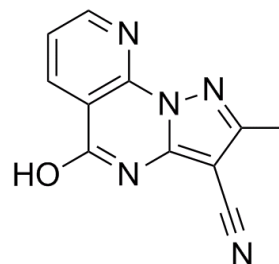
Solubility : DMSO: 6 mg/mL, Need Ultrasonic (< 1 mg/ml refers to the product slightly soluble or insoluble)

SMILES : CC1=NN2C(=C1C#N)NC(=O)C3=C2N=CC=C3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Fang Z, et al. Bioorg Med Chem Lett. 2017 Jul 15;27(14):3201-3204.