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Datasheet for ABIN7233262

IOX 1

1 Image

Overview

Quantity: 5 mg

Application: Inhibition (Inh)

Product Details

Purpose: JMJD demethylase inhibitor

Characteristics: Inhibits the JMJD family of 2-oxoglutarate-dependent histone demethylases. IC50 = 0.12, 0.07, 0.2, 0.3, 0.6, and 1 μ M for JMJD3, JMJD1A, JMJD2A, JMJD2E, JMJD2C and UTX respectively. A broad spectrum 2-oxoglutarate oxygenase inhibitor which may be used to study hypoxic signaling. Cell permeable

Purity: >98 %

Chemical Name: 8-Hydroxy-5-quinolinecarboxylic acid

Formula: C10H7NO3

Permeability: Cell-permeable

Solubility: Soluble in DMSO (up to 20 mg/ml).

Target Details

Background: 5-Carboxy-8HQ, Epigenetics, Protein demethylase, Oxidative stress, Posttranslational modification, Chromatin

Molecular Weight: 189.17

CAS-No: 5852-78-8

Application Details

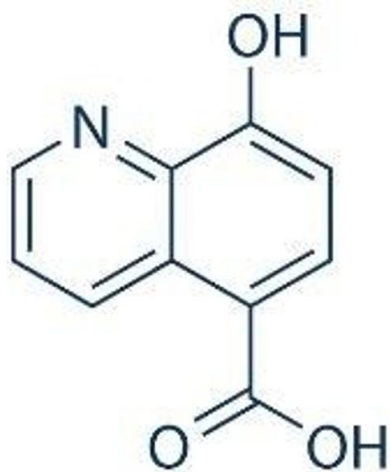
Restrictions: For Research Use only

Handling

Format: Powder

Storage: RT

Images



Molecule

Image 1. /