

IOX1

Cat. No. CEI-0549

Lot. No. (See product label)

Introduction

Description Cell-permeable. A histone demethylase (HDM) JMJD nhibitor. Inhibits the JMJD family of 2-oxoglutarate-dependent histone demethylases. IC50s = 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.

Product Information

Appearance White solid

CAS No. 5852-78-8

Molecular Formula C 10 H 7 NO 3

Chemical Name 8-Hydroxy-5-quinolinecarboxylic acid; 8-Hydroxy-5-quinolinecarboxylic acid

Molecular Weight 415.28

Purity >95% by HPLC

Targets KDM6B, KDM3A, KDM4A, KDM4E, KDM4C

Solubility H₂O (20 mM) and MeOH (5 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack