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## AS8351

产品编号: D50984

CAS: 796-42-9

分子式: C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>/c21-16-6-5-12-3-1-2-4-14(12)15(16)11-19-20-17(22)13-7-9-18-10-8-13  
/h1-11,21H,(H,20,22)/b19-11+

InChi Key: WQSHHAVECQJKLX-YBFXNURJSA-N

Smiles: OC1C=CC2=CC=CC=C2C=1C=NNC(=O)C1C=CN=CC=1

外观: 固体粉末

作用通路: Histone Demethylase

溶解性: DMSO up to 100 mM

保存条件: Store in dry, dark place for one year.

产品介绍: AS8351 is a potent iron chelator that has been found to inhibit of histone demethylase KDM5B (JARID1B) by competing with α-ketoglutarate. KDM5B a histone H3K4 demethylase involved in regulation of cell proliferation and stem cell self-renewal and differentiation. It can induce reprogramming of human fetal lung fibroblasts into functional cardiomyocytes, in combination with CHIR99021, A83-01, BIX01294, SC1, Y-27632, OAC2, SU16f and JNJ10198409.