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## FH1

产品编号: D50797

CAS: 2719-05-3

分子式: C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>/c1-12(20)18-16-7-3-14(4-8-16)11-15-5-9-17(10-6-15)19-13(2)21/h3-10  
H,11H2,1-2H3,(H,18,20)(H,19,21)

InChi Key: OEXMNSOPAKOPEF-UHFFFAOYSA-N

Smiles: CC(=O)NC1C=CC(CC2C=CC(=CC=2)NC(C)=O)=CC=1

外观: 固体粉末

作用通路: Others

溶解性: DMSO up to 100 mM

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

产品介绍: FH1 is a potent and selective small molecule that enhances hepatocyte functions and promotes the differentiation and maturation of iPSC-derived hepatocytes toward a more mature phenotype in vitro. FH1 was identified by a high-throughput, cell-based screening using primary human hepatocytes. It was added to the basal medium with or without OSM on day 21 after the initiation of differentiation of iPSCs and acted over a period of 9 day to promote more pronounced hepatocyte morphologies, including polygonal cell shapes, visible nuclei and more noticeable bile canaliculi between hepatocytes.