

产品名称 : Diethyl-pythiDC

同义词 : ——

产品货号 : M26667

CAS Number : 1821370-70-0

分子式 : C₁₄H₁₄N₂O₄S

分子量 : 306.34

化学全名 : ——

产品描述 : Diethyl-pythiDC is an collagen prolyl 4-hydroxylase inhibitor. (In Vitro):In MDA-MB-231 cells, Diethyl-pythiDC inhibits CP4H activity in cultured cells at concentrations that do not cause iron deficiency. None of the esterified Diethyl-pythiDC exhibited cytotoxic activity at high micromolar concentrations. Cells treated with dihydroxybenzoate demonstrate a strong iron-deficient phenotype. In contrast, cells treated with Diethyl-pythiDC appear to be normal at concentrations as high as 500 μM. Treatment with Diethyl-pythiDC and low levels of diethyl pyimDC does not affect the level of TfR, HIF-1α, or ferritin.

通路 : Others

靶点 : Other Targets

受体 : Endogenous Metabolite

溶解度 : In Vitro: ?DMSO : 33.33 mg/mL (108.80 mM)

SMILES : CCOC(=O)c1cnc(s1)-c1ccc(cn1)C(=O)OCC

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1.Feng S, et al. Biological thiols-triggered hydrogen sulfide releasing microfibers for tissue engineering applications. Acta Biomater. 2015 Nov;27:205-213.

仅限科学研究使用，不得用于人体。