
DMOG

产品编号: D50944

CAS: 89464-63-1

分子式: C₆H₉NO₅

纯度: ≥98%

InChi: InChI=1S/C₆H₉NO₅/c1-11-4(8)3-7-5(9)6(10)12-2/h3H₂,1-2H₃, (H,7,9)

InChi Key: BNJOZDZCRHCODO-UHFFFAOYSA-N

Smiles: COC(=O)CNC(=O)C(=O)OC

外观: 固体粉末

作用通路: Autophagy

溶解性: DMSO up to 100 mM; Water up to 100 mM

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

产品介绍: DMOG is a selective, competitive and cell permeable prolyl 4-hydroxylase (P4H) inhibitor. It inhibits hypoxia-inducible factor α (HIF- α) prolyl hydroxylase (HIF-PH). It acts to stabilize HIF-1 α expression at normal oxygen tensions in cultured cells, at concentrations between 0.1 and 1 mM. DMOG acts as a pro-angiogenic compound, acting via the HIF-1 α system.