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Dimethyloxaloylglycine (DMOG)

Catalogue No.: abx076547

Dimethyloxaloylglycine (DMOG) is a small molecule. DMOG is a cell permeable prolyl-4-hydroxylase inhibitor which upregulates HIF activity. HIF activation stimulates angiogenesis in several different models. DMOG also inhibits FIH (Factor Inhibiting HIF), an asparaginyl hydroxylase, which enhances the HIF response. It is active in vivo and attenuates myocardial injury in a rabbit ischemia reperfusion model (20mg/kg). Is expected to act pro-angiogenic.

Target:	Dimethyloxaloylglycine (DMOG)
Origin:	Synthetic
Purity:	>99%
Form:	Off-white solid
CAS Number:	89464-63-1
Storage:	Store at -20 °C.
Molecular Weight:	175.1
Molecular Formula:	C ₆ H ₉ NO ₅
SMILES:	<chem>C(C(=O)OC)NC(C(=O)OC)=O</chem>
Note:	This product is for research use only.