

DMOG

Cat. No. CEI-0539

Lot. No. (See product label)

Introduction

Description A cell-permeable prolyl 4-hydroxylase (P4H) inhibitor; inhibits hypoxia-inducible factor α (HIF- α) prolyl hydroxylase (HIF-PH). Increases levels of HIF-1 α ; promotes cell survival under hypoxic conditions. DMOG possesses neuroprotective effect on NFG deprived cell cultures through preservation of glucose metabolism. DMOG also attenuates myocardial injury in a rabbit ischemia reperfusion model.

Synonyms N-(2-Methoxy-2-oxoacetyl)glycine methyl ester

Product Information

Appearance White to Off-white Solid

CAS No. 89464-63-1

Molecular Formula C 6 H 9 NO 5

Molecular Weight 342.37

Purity >95%

Targets HIF-PH

Solubility DMSO (5 mg/ml) or EtOH (0.5 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel Pack