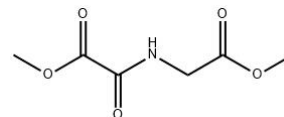


Technical Data Sheet

DMOG

Compound Information

Product Name:	DMOG
CAS No.:	89464-63-1
Molecular Formula:	C ₆ H ₉ NO ₅
Molecular Weight:	175.14
Storage:	Store at -20°C
Revision Date:	2026-04-27



Analytical Information

Tests	Specifications
Description	DMOG (Dimethyloxaloyl glycine) is an antagonist of α -ketoglutarate cofactor and a cell permeable and competitive inhibitor of HIF-PH, which results in HIF-1 α stabilisation and accumulation in vitro and in vivo. DMOG acts as a pro-angiogenic agent and plays
IUPAC Name	N- (2- Methoxy- 2- oxoacetyl)glycine methyl ester
Form	Solid
Color	white to off-white
Solubility	H ₂ O: >30mg/mL
HPLC	Shows 97.9% purity
MS	Pass test
1H NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.