

Datasheet for ABIN5022221

Dimethyloxaloylglycine (DMOG)**1** Image[Go to Product page](#)

Overview

Quantity: 10 mg

Application: Inhibition (Inh)

Product Details

Purpose: Prolyl-4-hydroxylase inhibitor

Purity: >99 %

Chemical Name: DMOG, N-(Methoxyoxoacetyl)-glycine methyl ester

Formula: C₆H₉NO₅

Solubility: Soluble in DMSO (>25 mg/ml), 100% ethanol (>25 mg/ml) or dimethyl formamide, or PBS pH7.2 (10 mg/ml)

Target Details

Molecular Weight: 175.1

CAS-No: 89464-63-1

Application Details

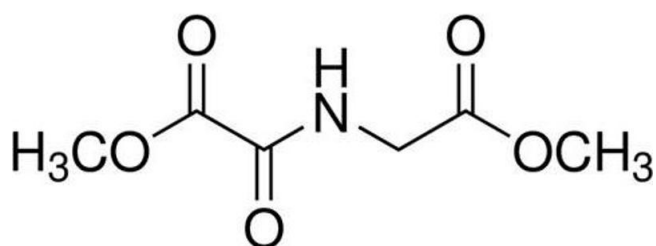
Comment: Source: Synthetic .
Appearance: Off-white solid

Restrictions: For Research Use only

Handling

Format:	Solid
Precaution of Use:	Classification: Caution. Substance not yet fully tested. Safety Phrases: S22 - Do not breathe dust S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection S24/25 - Avoid contact with skin and eyes Hazard Statements: H302 - Harmful if swallowed
Handling Advice:	Classification: Caution. Substance not yet fully tested. Safety Phrases: S22 - Do not breathe dust S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection S24/25 - Avoid contact with skin and eyes Hazard Statements: H302 - Harmful if swallowed
Storage:	-20 °C

Images



Molecule

Image 1. Chemical structure of Dimethyloxaloylglycine (DMOG), a Prolyl-4-hydroxylase inhibitor. CAS #: 89464-63-1. Molecular Formula: C₆H₉NO₅. Molecular Weight: 175.1 g/mol.