

Magnesium decanoate

Chemical Properties

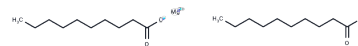
CAS No. : 42966-30-3

Formula: C₂₀H₃₈MgO₄

Molecular Weight: 366.82

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Magnesium decanoate is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7261 mL	13.6307 mL	27.2613 mL
5 mM	0.5452 mL	2.7261 mL	5.4523 mL
10 mM	0.2726 mL	1.3631 mL	2.7261 mL
50 mM	0.0545 mL	0.2726 mL	0.5452 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Matulyte I, Marksa M, Ivanauskas L, Kalvėnienė Z, Lazauskas R, Bernatoniene J. GC-MS Analysis of the Composition of the Extracts and Essential Oil from *Myristica fragrans* Seeds Using Magnesium Aluminometasilicate as Excipient. *Molecules*. 2019 Mar 18;24(6). pii: E1062. doi: 10.3390/molecules24061062. PubMed PMID: 30889896; PubMed Central PMCID: PMC6471610.

Ballistreri A, Giuffrida M, Guglielmino SP, Carnazza S, Ferreri A, Impallomeni G. Biosynthesis and structural characterization of medium-chain-length poly(3-hydroxyalkanoates) produced by *Pseudomonas aeruginosa* from fatty acids. *Int J Biol Macromol*. 2001 Aug 20;29(2):107-14. PubMed PMID: 11518582.

Makhmudov TM, Makhsumov MN, Mazgutov VZ. [Anabolic effects of sodium selenite, vitamin E and retabolil in experimental hypotrophy induced by a pesticide]. *Vopr Pitan*. 1989 May-Jun;(3):61-4. Russian. PubMed PMID: 2552678.

Sinitsyn SP. [Correction of metabolic disorders of the myocardium in acute myocardial infarct as an important factor in preventing the development of circulatory insufficiency]. *Kardiologiya*. 1985 Jul;25(7):111-2. Russian. PubMed PMID: 2414506.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481