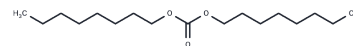


Dicaprylyl carbonate

Chemical Properties

CAS No. :	1680-31-5
Formula:	C17H34O3
Molecular Weight:	286.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Dicaprylyl carbonate (Dimethyl carbonate) is a solid fat derived from plants and a dry emollient. Dimethyl carbonate has good skin compatibility and comprehensive properties, such as a sunscreen filter with the ability to dissolve and disperse.
Targets(IC50)	Others
In vitro	The gloss of dioctyl carbonate was 389.8.

Solubility Information

Solubility	DMSO: 50 mg/mL (174.55 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.491 mL	17.4551 mL	34.9101 mL
5 mM	0.6982 mL	3.491 mL	6.982 mL
10 mM	0.3491 mL	1.7455 mL	3.491 mL
50 mM	0.0698 mL	0.3491 mL	0.6982 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.

Reference

JumatSalimon, et al. Industrial development and applications of plant oils and their biobased oleochemicals. Arabian Journal of Chemistry, Volume 5, Issue 2, April 2012, Pages 135-145.

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:36 Washington Street,Wellesley Hills,MA 02481