

## Capryl caprate

## Chemical Properties

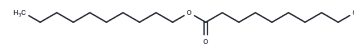
CAS No. : 1654-86-0

Formula: C<sub>20</sub>H<sub>40</sub>O<sub>2</sub>

Molecular Weight: 312.53

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

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Capryl caprate (Decanoic acid decyl ester) is a compound obtained from extracts of Tergite glands from the abdomen of virgin queen bees.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 1 mg/mL (3.2 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1997 mL	15.9985 mL	31.9969 mL
5 mM	0.6399 mL	3.1997 mL	6.3994 mL
10 mM	0.320 mL	1.5998 mL	3.1997 mL
50 mM	0.064 mL	0.320 mL	0.6399 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

Caliari Oliveira R, et al. The origin and evolution of queen and fertility signals in Corbiculate bees. BMC Evol Biol. 2015 Nov 16;15:254.

**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