Laurocapram

Cat. No.: HY-W009326

CAS No.: 59227-89-3

Molecular Formula: $C_{18}H_{35}NO$

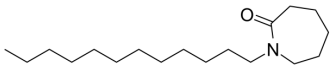
Molecular Weight: 281.48

Target: Others

Pathway: Others

Storage:

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (355.27 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	3.5527 mL	17.7633 mL	35.5265 mL
5 mM	0.7105 mL	3.5527 mL	7.1053 mL
10 mM	0.3553 mL	1.7763 mL	3.5527 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (8.88 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (8.88 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (8.88 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Laurocapram is a absorption enhancer and has been one of the most effective for substances of both lipophilic and hydrophilic nature[1].

REFERENCES

[1]. López-Cervantes M, et al. Chemical enhancers for the absorption of substances through the skin: Laurocapram and its derivatives. Drug Dev Ind Pharm. 2006 Mar;32(3):267-86.

Caution: Product has not been fully validated for medical applications. For research use only.

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