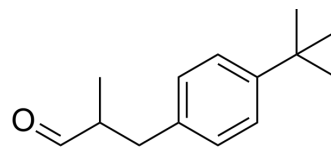


Lilial

Cat. No.:	HY-W014684
CAS No.:	80-54-6
Molecular Formula:	C ₁₄ H ₂₀ O
Molecular Weight:	204.31
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (489.45 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	4.8945 mL	24.4726 mL	48.9452 mL
				5 mM	0.9789 mL	4.8945 mL	9.7890 mL
				10 mM	0.4895 mL	2.4473 mL	4.8945 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 (12.24 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.24 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.24 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Lilial is a widely used synthetic fragrance used as a deodorant ^[1] .
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REFERENCES

[1]. Arnau EG, et al. Identification of Lilial as a fragrance sensitizer in a perfume by bioassay-guided chemical fractionation and structure-activity relationships. Contact Dermatitis. 2000 Dec;43(6):351-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA