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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Lanolin

Cat. No.: HY-N7074
CAS No.: 8006-54-0
Molecular Formula: C₅₄H₈₄N₁₆O₂₁
Molecular Weight: 1293.34
Target: Bacterial
Pathway: Anti-infection
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Lanolin

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (77.32 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		0.7732 mL	3.8660 mL	7.7319 mL
		5 mM		0.1546 mL	0.7732 mL	1.5464 mL
		10 mM		0.0773 mL	0.3866 mL	0.7732 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 (1.93 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (1.93 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (1.93 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Lanolin is a yellow fat obtained from sheep's wool. Lanolin is used topically for sore, cracked nipples during breastfeeding ^[1] .
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REFERENCES

[1]. Lanolin. Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006.

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

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