



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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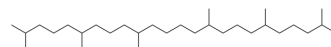
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Squalane

Cat. No.:	HY-N7113		
CAS No.:	111-01-3		
Molecular Formula:	C ₃₀ H ₆₂		
Molecular Weight:	422.83		
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 (236.50 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.3650 mL	11.8251 mL	23.6502 mL
	5 mM	0.4730 mL	2.3650 mL	4.7300 mL
	10 mM	0.2365 mL	1.1825 mL	2.3650 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.91 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.91 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.91 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	Squalane, found in certain fish oils (especially shark liver oil), and some vegetable oils, is a saturated derivative of Squalene. Squalane shows anticancer, antioxidant, skin hydrating, and emollient activities ^[1] .
In Vitro	Squalane exhibits a huge potential in nutraceutical and pharmaceutical industries. Squalane shows anticancer, antioxidant, drug carrier, detoxifier, skin hydrating, and emollient activities have been reported both in animal models and in vitro environments ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kim SK, et al. Biological importance and applications of squalene and squalane. Adv Food Nutr Res. 2012;65:223-33.

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

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