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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

1-Hexanol

Chemical Properties

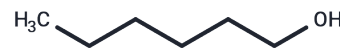
CAS No. : 111-27-3

Formula: C₆H₁₄O

Molecular Weight: 102.17

Appearance: no data available

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



Biological Description

Description	1-Hexanol (hexan-1-ol) is a natural product. 1-Hexanol, a primary alcohol, is a surfactant that can be employed in industrial processes to enhance interfacial properties[1]. 1-Hexanol uncouples mitochondrial respiration by a non-protonophoric mechanism[2].
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/ml (538.32 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.7876 mL	48.938 mL	97.8761 mL
5 mM	1.9575 mL	9.7876 mL	19.5752 mL
10 mM	0.9788 mL	4.8938 mL	9.7876 mL
50 mM	0.1958 mL	0.9788 mL	1.9575 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.

Reference

Cuong V Nguyen, et al. Surface potential of 1-hexanol solution: comparison with methyl isobutyl carbinol. J Phys Chem B. 2013 Jun 27;117(25):7615-20.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481