



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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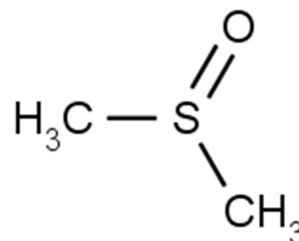
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## Dimethylsulfoxide (DMSO)

<b>Catalog No:</b>	54686
<b>Lot No:</b>	XXXXX
<b>Cas No:</b>	67-68-5
<b>Formula:</b>	C <sub>2</sub> H <sub>6</sub> OS
<b>MW:</b>	78.13
<b>Supplied as:</b>	liquid
<b>Stability:</b>	stable at room temperature



### Background

DMSO is a polar aprotic solvent that dissolves both polar and nonpolar compounds and is miscible in a wide range of organic solvents as well as water. DMSO is less toxic than other members of this class, such as dimethylformamide, dimethylacetamide, N-methyl-2-pyrrolidone, and HMPA. DMSO is also used in PCR to inhibit secondary structures in the DNA template or the DNA primers. In cell culture DMSO may also be used as a cryoprotectant, added to cell media to reduce ice formation and thereby prevent cell death during the freezing process.

### Tests

<b>Appearance:</b>	clear, colorless liquid
<b>Assay (GC):</b>	≥99.5%
<b>Free acid:</b>	≤0.001%
<b>Non-volatile matter:</b>	≤0.001%
<b>Heavy metals (Pb):</b>	≤0.001%
<b>Insoluble matter:</b>	complies
<b>Water (K.F.):</b>	≤0.1%
<b>Abs. (1 cm/H<sub>2</sub>O HPLC grade)</b>	
<b>A<sub>280</sub></b>	≤0.25%

### Specifications

<b>Appearance:</b>	clear, colorless liquid
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<b>Free acid:</b>	≤0.001%
<b>Non-volatile matter:</b>	≤0.001%
<b>Heavy metals (Pb):</b>	≤0.001%
<b>Insoluble matter:</b>	complies
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<b>Abs. (1 cm/H<sub>2</sub>O HPLC grade)</b>	
<b>A<sub>280</sub></b>	≤0.25%

### Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.