



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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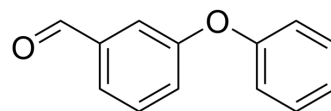
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## 3-Phenoxybenzaldehyde

<b>Cat. No.:</b>	HY-Y0641
<b>CAS No.:</b>	39515-51-0
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>10</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	198.22
<b>Target:</b>	Complement System
<b>Pathway:</b>	Immunology/Inflammation
<b>Storage:</b>	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (504.49 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	5.0449 mL	25.2245 mL	50.4490 mL
		5 mM	1.0090 mL	5.0449 mL	10.0898 mL
		10 mM	0.5045 mL	2.5224 mL	5.0449 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.5 mg/mL (12.61 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.61 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (12.61 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	3-Phenoxybenzaldehyde has weak complement classical pathway inhibition and hemolytic activity <sup>[1]</sup> .
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### REFERENCES

[1]. Master HE, et al. Synthesis of low molecular weight compounds with complement inhibition activity. Bioorg Med Chem Lett. 2003 Apr 7;13(7):1249-51.

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

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