



# SZABO SCANDIC

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## Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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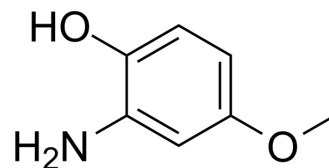
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## 2-Amino-4-methoxyphenol

<b>Cat. No.:</b>	HY-W001213
<b>CAS No.:</b>	20734-76-3
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>9</sub> NO <sub>2</sub>
<b>Molecular Weight:</b>	139.15
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 50 mg/mL (359.32 mM; Need ultrasonic)				
	<b>Preparing Stock Solutions</b>	<b>Solvent</b> \ <b>Mass</b> \ <b>Concentration</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>1 mM</b>	7.1865 mL	35.9324 mL	71.8649 mL
		<b>5 mM</b>	1.4373 mL	7.1865 mL	14.3730 mL
		<b>10 mM</b>	0.7186 mL	3.5932 mL	7.1865 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (17.97 mM); Suspended solution; Need ultrasonic 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (17.97 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	2-Amino-4-methoxyphenol is a volatile constituent in the aroma concentrate of Tieguanyin teas <sup>[1]</sup> . 2-Amino-4-methoxyphenol is used for the synthesis of pyridine analogues <sup>[2]</sup> .
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### REFERENCES

- [1]. Sina Rezazadeh, et al. Synthesis of substituted 2-heteroarylbenzazol-5-ol derivatives as potential ligands for estrogen receptors. Tetrahedron 69(30):6076–6082.
- [2]. Chen YJ, et al. Effects of baking and aging on the changes of phenolic and volatile compounds in the preparation of old Tieguanyin oolong teas. Food Research International (Ottawa, Ont.), 01 Oct 2013, 53(2):732-743.

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

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