



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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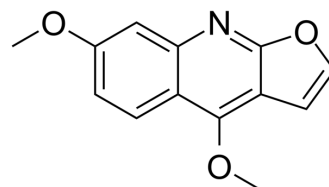
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## Evolitrine

<b>Cat. No.:</b>	HY-N5022
<b>CAS No.:</b>	523-66-0
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>11</sub> NO <sub>3</sub>
<b>Molecular Weight:</b>	229.23
<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 : 100 mg/mL (436.24 mM; Need ultrasonic)																					
	<table border="1"> <thead> <tr> <th rowspan="2">Solvent</th> <th rowspan="2">Mass</th> <th colspan="3">Concentration</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Preparing Stock Solutions</td> <td>1 mM</td> <td>4.3624 mL</td> <td>21.8122 mL</td> <td>43.6243 mL</td> </tr> <tr> <td>5 mM</td> <td>0.8725 mL</td> <td>4.3624 mL</td> <td>8.7249 mL</td> </tr> <tr> <td>10 mM</td> <td>0.4362 mL</td> <td>2.1812 mL</td> <td>4.3624 mL</td> </tr> </tbody> </table>	Solvent	Mass	Concentration			1 mg	5 mg	10 mg	Preparing Stock Solutions	1 mM	4.3624 mL	21.8122 mL	43.6243 mL	5 mM	0.8725 mL	4.3624 mL	8.7249 mL	10 mM	0.4362 mL	2.1812 mL	4.3624 mL
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	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 (10.91 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 (10.91 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (10.91 mM); Clear solution</li> </ol>																					

### BIOLOGICAL ACTIVITY

<b>Description</b>	Evolitrine (7-Methoxydictamnine; Evolitrin) is isolated from <i>Acronychia pedunculata</i> and show anti-inflammatory and antifeedant activities <sup>[1]</sup> .
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### REFERENCES

[1]. IL.B.de Silva, et al. Kokusaginine and evolitrine from *Acronychia pedunculata*. Volume 18, Issue 7, 1979, Pages 1255-1256

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

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