



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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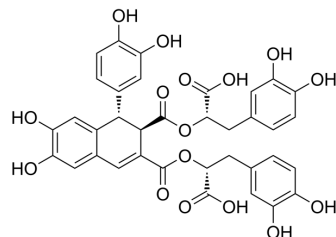
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## Rabdosiin

<b>Cat. No.:</b>	HY-N6880
<b>CAS No.:</b>	263397-69-9
<b>Molecular Formula:</b>	C <sub>36</sub> H <sub>30</sub> O <sub>16</sub>
<b>Molecular Weight:</b>	718.61
<b>Target:</b>	HIV; Topoisomerase
<b>Pathway:</b>	Anti-infection; Cell Cycle/DNA Damage
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (139.16 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.3916 mL	6.9579 mL	13.9158 mL
		5 mM	0.2783 mL	1.3916 mL	2.7832 mL
		10 mM	0.1392 mL	0.6958 mL	1.3916 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 (3.48 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 (3.48 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (3.48 mM); Clear solution</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Rabdosiin is a tetramer of caffeic acid isolated from the stem of <i>Ocimum sanctum</i> . Rabdosiin possess anti-allergic activity, anti-HIV activity and inhibition on DNA topoisomerase <sup>[1]</sup> .
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### REFERENCES

[1]. Ito H, et al. Antiallergic activities of rabdosiin and its related compounds: chemical and biochemical evaluations. *Bioorg Med Chem.* 1998 Jul;6(7):1051-6.

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

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