



# 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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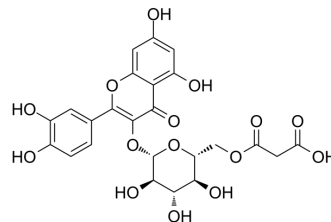
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## Quercetin 3-O-(6''-O-malonyl)-β-D-glucoside

<b>Cat. No.:</b>	HY-N9397
<b>CAS No.:</b>	96862-01-0
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>22</sub> O <sub>15</sub>
<b>Molecular Weight:</b>	550.42
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<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 : 33.33 mg/mL (60.55 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.8168 mL	9.0840 mL	18.1679 mL
		5 mM	0.3634 mL	1.8168 mL	3.6336 mL
		10 mM	0.1817 mL	0.9084 mL	1.8168 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: ≥ 1.25 mg/mL (2.27 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.27 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Quercetin 3-O-(6''-O-malonyl)-β-D-glucoside, a natural flavonol glycoside, possesses antioxidant activity <sup>[1]</sup> .
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### REFERENCES

[1]. TakuyaKatsube, et al. Antioxidant flavonol glycosides in mulberry (Morus alba L.) leaves isolated based on LDL antioxidant activity. Food Chemistry Volume 97, Issue 1, July 2006, Pages 25-31.

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

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