



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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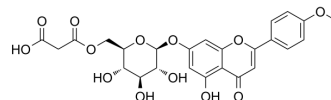
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## Acacetin 7-O-(6-O-malonylglucoside)

Cat. No.:	HY-N13041
CAS No.:	155049-92-6
Molecular Formula:	C <sub>25</sub> H <sub>24</sub> O <sub>13</sub>
Molecular Weight:	532.45
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Acacetin 7-O-(6-O-malonylglucoside) is a monoamine oxidase inhibitor with strong inhibitory effects on monoamine oxidase A (MAO-A) and monoamine oxidase B (MAO-B) with IC <sub>50</sub> values of 2.34 and 1.87 μM, respectively. Acacetin 7-O-(6-O-malonylglucoside) is a reversible MAO inhibitor that can be used in the research of neurodegenerative diseases and affective disorders <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	MAO-A 2.34 μM (IC <sub>50</sub> )	MAO-B 1.87 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Lee H W, et al. Potent inhibitions of monoamine oxidase A and B by acacetin and its 7-O-(6-O-malonylglucoside) derivative from *Agastache rugosa*[J]. International journal of biological macromolecules, 2017, 104: 547-553.

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

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