



# 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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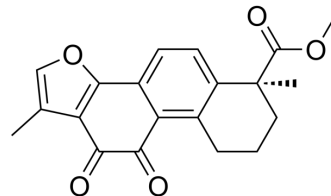
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## Methyl tanshinonate

Cat. No.:	HY-126416
CAS No.:	18887-19-9
Molecular Formula:	C <sub>20</sub> H <sub>18</sub> O <sub>5</sub>
Molecular Weight:	338.35
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Methyl tanshinonate is a tanshinone, that can be isolated from *Salvia miltiorrhiza* (*S. miltiorrhiza*) Bunge (Lamiaceae). Methyl tanshinonate is a potent inhibitor of M<sup>Pr</sup>o enzyme in SARS-CoV (IC<sub>50</sub> = 21.1 μM). Methyl tanshinonate can be used for diabetes and SARS-CoV research<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Kim DH, et al. Characterization of the inhibitory activity of natural tanshinones from *Salvia miltiorrhiza* roots on protein tyrosine phosphatase 1B. *Chem Biol Interact.* 2017 Dec 25;278:65-73.
- [2]. Ni L, et al. Qualitative analysis of the roots of *Salvia miltiorrhiza* and *Salvia yunnanensis* based on NIR, UHPLC and LC-MS-MS. *J Pharm Biomed Anal.* 2019 Jun 5;170:295-304.
- [3]. Diniz LRL, et al. Bioactive Terpenes and Their Derivatives as Potential SARS-CoV-2 Proteases Inhibitors from Molecular Modeling Studies. *Biomolecules.* 2021 Jan 7;11(1):74.

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

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