



# 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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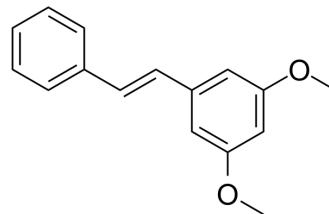
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## trans-3,5-Dimethoxystilbene

|                    |  |
|--------------------|--|
| Cat. No.:          | HY-W278867   |
| CAS No.:           | 21956-56-9   |
| Molecular Formula: | C <sub>16</sub> H <sub>16</sub> O <sub>2</sub>   |
| Molecular Weight:  | 240.3  |
| Target:            | Others   |
| Pathway:           | Others   |
| Storage:           | 4°C, protect from light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



### SOLVENT & SOLUBILITY

|   |  |                       |      |       |           |            |            |
|---|--|-----------------------|------|-------|-----------|------------|------------|
| In Vitro  | DMSO : 100 mg/mL (416.15 mM; Need ultrasonic)  |                       |      |       |           |            |            |
|   | Preparing Stock Solutions  | Solvent Concentration | Mass | 1 mg  | 5 mg      | 10 mg      |            |
|   |  |                       |      | 1 mM  | 4.1615 mL | 20.8073 mL | 41.6146 mL |
|   |  |                       |      | 5 mM  | 0.8323 mL | 4.1615 mL  | 8.3229 mL  |
|   |  |                       |      | 10 mM | 0.4161 mL | 2.0807 mL  | 4.1615 mL  |
| Please refer to the solubility information to select the appropriate solvent. |  |                       |      |       |           |            |            |
| In Vivo   | 1. Add each solvent one by one: 10% DMSO >> 90% corn oil<br>Solubility: ≥ 2.5 mg/mL (10.40 mM); Clear solution |                       |      |       |           |            |            |

### BIOLOGICAL ACTIVITY

|             |   |
|-------------|---|
| Description | trans-3,5-Dimethoxystilbene (cis-Pinosylvin dimethyl ether) is a natural product that has been isolated from the benzene extract of the bark of jack pine ( <i>Pinus banksiana</i> ) <sup>[1]</sup> . |
|-------------|---|

### REFERENCES

[1]. Extractives of jack pine bark: Occurrence of cis- and trans-pinosylvin dimethyl ether and ferulic acid esters. J.W.Rowe, et al. Phytochemistry. 1969 Jan, 8 (1): 235-241.

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

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