



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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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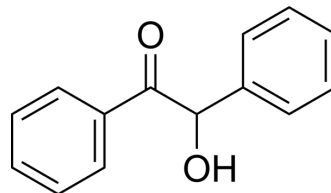
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## Benzoin

|                           |  |       |          |
|---------------------------|--|-------|----------|
| <b>Cat. No.:</b>          | HY-B1550                                       |       |          |
| <b>CAS No.:</b>           | 119-53-9                                       |       |          |
| <b>Molecular Formula:</b> | C <sub>14</sub> H <sub>12</sub> O <sub>2</sub> |       |          |
| <b>Molecular Weight:</b>  | 212.24   |       |          |
| <b>Target:</b>            | Others   |       |          |
| <b>Pathway:</b>           | Others   |       |          |
| <b>Storage:</b>           | Powder   | -20°C | 3 years  |
|                           |  | 4°C   | 2 years  |
|                           | In solvent                                     | -80°C | 6 months |
|                           |  | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (235.58 mM; Need ultrasonic)

| Concentration             | Solvent | Mass      |            |            |
|---------------------------|---------|-----------|------------|------------|
|                           |         | 1 mg      | 5 mg       | 10 mg      |
| Preparing Stock Solutions | 1 mM    | 4.7116 mL | 23.5582 mL | 47.1165 mL |
|                           | 5 mM    | 0.9423 mL | 4.7116 mL  | 9.4233 mL  |
|                           | 10 mM   | 0.4712 mL | 2.3558 mL  | 4.7116 mL  |

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (11.78 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (11.78 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (11.78 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Benzoin is a kind of alsamic resin isolated from the styracaceae family. Benzoin can be used as a colour additive used for marking plants<sup>[1]</sup>.

### REFERENCES

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

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