



SZABO SCANDIC

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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

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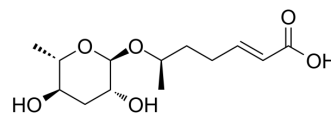
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Ascr#7

| | |
|--------------------|--|
| Cat. No.: | HY-N9441 |
| CAS No.: | 1139837-37-8 |
| Molecular Formula: | C ₁₃ H ₂₂ O ₆ |
| Molecular Weight: | 274.31 |
| Target: | Others |
| Pathway: | Others |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

| | | | | | | |
|---|--|--------------------------|-----------|-----------|------------|------------|
| In Vitro | DMSO : 200 mg/mL (729.10 mM; Need ultrasonic) | | | | | |
| | H ₂ O : 100 mg/mL (364.55 mM; Need ultrasonic) | | | | | |
| | Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
| | | | 1 mM | 3.6455 mL | 18.2276 mL | 36.4551 mL |
| | | | 5 mM | 0.7291 mL | 3.6455 mL | 7.2910 mL |
| 10 mM | | | 0.3646 mL | 1.8228 mL | 3.6455 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | | |
| In Vivo | 1. Add each solvent one by one: PBS Solubility: 100 mg/mL (364.55 mM); Clear solution; Need ultrasonic | | | | | |
| | 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (18.23 mM); Clear solution | | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | Ascr#7, an ascaroside, is a hormone of nematodes. Ascr#7 is expressed during nematode development. Ascarosides can induce formation of long-lived and highly stress resistant dauer larvae ^[1] . |
| In Vitro | Ascarosides are often referred to as “dauer pheromones” because most of them induce formation of long-lived and highly stress resistant dauer larvae ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

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

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