



# 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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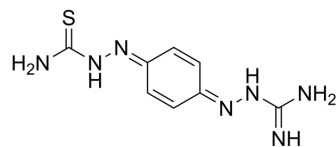
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## Ambazone

|                    |  |
|--------------------|--|
| Cat. No.:          | HY-122356A   |
| CAS No.:           | 539-21-9   |
| Molecular Formula: | C <sub>8</sub> H <sub>11</sub> N <sub>7</sub> S  |
| Molecular Weight:  | 237.28   |
| Target:            | Bacterial  |
| Pathway:           | Anti-infection   |
| Storage:           | -20°C, protect from light, stored under nitrogen<br>* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen) |



### SOLVENT & SOLUBILITY

|   |   |                          |           |           |            |            |
|---|---|--------------------------|-----------|-----------|------------|------------|
| In Vitro  | DMSO : 100 mg/mL (421.44 mM; Need ultrasonic)   |                          |           |           |            |            |
|   | Preparing Stock Solutions   | Solvent<br>Concentration | Mass      |           |            |            |
|   |   |                          | 1 mg      | 5 mg      | 10 mg      |            |
|   |   |                          | 1 mM      | 4.2144 mL | 21.0722 mL | 42.1443 mL |
|   |   |                          | 5 mM      | 0.8429 mL | 4.2144 mL  | 8.4289 mL  |
| 10 mM   | 0.4214 mL   | 2.1072 mL                | 4.2144 mL |           |            |            |
| Please refer to the solubility information to select the appropriate solvent. |   |                          |           |           |            |            |
| In Vivo   | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline<br>Solubility: ≥ 2.5 mg/mL (10.54 mM); Clear solution |                          |           |           |            |            |
|   | 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)<br>Solubility: ≥ 2.5 mg/mL (10.54 mM); Clear solution            |                          |           |           |            |            |

### BIOLOGICAL ACTIVITY

|             |  |
|-------------|--|
| Description | Ambazone is an orally active membrane active antitumor agent. Ambazone also shows antibacterial and weak antiviral activities <sup>[1]</sup> . |
|-------------|--|

### REFERENCES

[1]. G Löber, et al. Ambazone as a membrane active antitumor drug. Biophys Chem. 1990 Apr;35(2-3):287-300.

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

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