



# 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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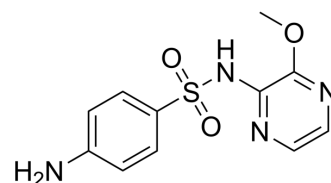
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## Sulfalene

|                    |                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-A0130                                                                                                                                                                       |
| CAS No.:           | 152-47-6                                                                                                                                                                       |
| Molecular Formula: | C <sub>11</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub> S                                                                                                                |
| Molecular Weight:  | 280.3                                                                                                                                                                          |
| Target:            | Parasite; Bacterial; Antibiotic                                                                                                                                                |
| Pathway:           | Anti-infection                                                                                                                                                                 |
| Storage:           | <div> <div>Powder</div> <div>-20°C    3 years</div> <div>4°C    2 years</div> </div> <div> <div>In solvent</div> <div>-80°C    2 years</div> <div>-20°C    1 year</div> </div> |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (356.76 mM; Need ultrasonic and warming)

|                              | Solvent<br>Concentration | Mass | 1 mg      | 5 mg       | 10 mg      |
|------------------------------|--------------------------|------|-----------|------------|------------|
|                              |                          |      |           |            |            |
| Preparing<br>Stock Solutions | 1 mM                     |      | 3.5676 mL | 17.8380 mL | 35.6761 mL |
|                              | 5 mM                     |      | 0.7135 mL | 3.5676 mL  | 7.1352 mL  |
|                              | 10 mM                    |      | 0.3568 mL | 1.7838 mL  | 3.5676 mL  |

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

### BIOLOGICAL ACTIVITY

|                           |                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------|
| Description               | Sulfalene (Sulfametopyrazine) is an antimalarial agent. Sulfalene is also a long-acting sulfonamide antibacterial. |
| IC <sub>50</sub> & Target | Plasmodium                                                                                                         |

### REFERENCES

[1]. Obonyo CO, et al. Efficacy of artesunate with sulfalene plus pyrimethamine versus praziquantel for treatment of *Schistosoma mansoni* in Kenyan children: an open-label randomised controlled trial. *Lancet Infect Dis.* 2010 Sep;10(9):603-11.

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

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