



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

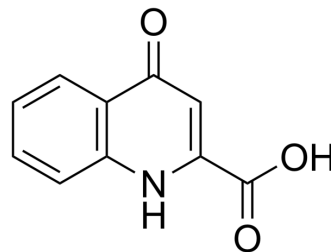
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Transtorine

|                    |  |       |          |
|--------------------|--|-------|----------|
| Cat. No.:          | HY-W110662                                     |       |          |
| CAS No.:           | 13593-94-7                                     |       |          |
| Molecular Formula: | C <sub>10</sub> H <sub>7</sub> NO <sub>3</sub> |       |          |
| Molecular Weight:  | 189.17   |       |          |
| Target:            | Bacterial                                      |       |          |
| Pathway:           | Anti-infection                                 |       |          |
| Storage:           | Powder   | -20°C | 3 years  |
|                    |  | 4°C   | 2 years  |
|                    | In solvent                                     | -80°C | 6 months |
|                    |  | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 10 mg/mL (52.86 mM; ultrasonic and warming and heat to 60°C)

| Concentration | Mass      |            |            |
|---------------|-----------|------------|------------|
|               | 1 mg      | 5 mg       | 10 mg      |
| 1 mM          | 5.2863 mL | 26.4313 mL | 52.8625 mL |
| 5 mM          | 1.0573 mL | 5.2863 mL  | 10.5725 mL |
| 10 mM         | 0.5286 mL | 2.6431 mL  | 5.2863 mL  |

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

### BIOLOGICAL ACTIVITY

#### Description

Transtorine is a quinoline alkaloid, found from *Ephedra transitoria*, with antibacterial activity<sup>[1]</sup>.

#### In Vitro

Transtorine shows growth inhibitory activity against *Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Enterobacter cloacae*, with MIC 0.38, 0.5, and 0.45 mg/mL, respectively<sup>[1]</sup>.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. al-Khalil S, et al. Transtorine, a new quinoline alkaloid from *Ephedra transitoria*. *J Nat Prod*. 1998 Feb;61(2):262-3.

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA