



# 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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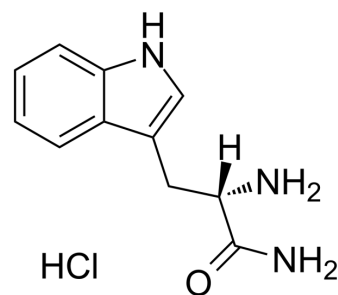
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## H-Trp-NH<sub>2</sub>.HCl

|                           |  |
|---------------------------|--|
| <b>Cat. No.:</b>          | HY-W008766   |
| <b>CAS No.:</b>           | 5022-65-1  |
| <b>Molecular Formula:</b> | C <sub>11</sub> H <sub>14</sub> ClN <sub>3</sub> O   |
| <b>Molecular Weight:</b>  | 239.7  |
| <b>Target:</b>            | Endogenous Metabolite  |
| <b>Pathway:</b>           | Metabolic Enzyme/Protease  |
| <b>Storage:</b>           | 4°C, sealed storage, away from moisture<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (417.19 mM; Need ultrasonic)  
H<sub>2</sub>O : 100 mg/mL (417.19 mM; Need ultrasonic)

| Preparing Stock Solutions | Solvent Concentration | Mass      |            |            |
|---------------------------|-----------------------|-----------|------------|------------|
|                           |                       | 1 mg      | 5 mg       | 10 mg      |
|                           | 1 mM                  | 4.1719 mL | 20.8594 mL | 41.7188 mL |
|                           | 5 mM                  | 0.8344 mL | 4.1719 mL  | 8.3438 mL  |
|                           | 10 mM                 | 0.4172 mL | 2.0859 mL  | 4.1719 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 (10.43 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (10.43 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (10.43 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

H-Trp-NH<sub>2</sub>.HCl is an endogenous metabolite.

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

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