



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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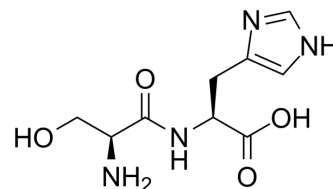
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## H-Ser-His-OH

|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-126488                                                                                          |
| CAS No.:           | 67726-09-4                                                                                         |
| Molecular Formula: | C <sub>9</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub>                                       |
| Molecular Weight:  | 242.23                                                                                             |
| Target:            | Endogenous Metabolite                                                                              |
| Pathway:           | Metabolic Enzyme/Protease                                                                          |
| Storage:           | Powder    -20°C    3 years<br>4°C    2 years<br>In solvent   -80°C    6 months<br>-20°C    1 month |



### SOLVENT & SOLUBILITY

|                                                                               |                                                                                                                                           |                                      |      |           |            |            |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------|-----------|------------|------------|
| In Vitro                                                                      | DMSO : 20.83 mg/mL (85.99 mM; Need ultrasonic)                                                                                            |                                      |      |           |            |            |
|                                                                               | Preparing Stock Solutions                                                                                                                 | <div>Solvent<br/>Concentration</div> | Mass | 1 mg      | 5 mg       | 10 mg      |
|                                                                               |                                                                                                                                           | 1 mM                                 |      | 4.1283 mL | 20.6415 mL | 41.2831 mL |
|                                                                               |                                                                                                                                           | 5 mM                                 |      | 0.8257 mL | 4.1283 mL  | 8.2566 mL  |
|                                                                               |                                                                                                                                           | 10 mM                                |      | 0.4128 mL | 2.0642 mL  | 4.1283 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: ≥ 2.08 mg/mL (8.59 mM); Clear solution |                                      |      |           |            |            |
|                                                                               | 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)<br>Solubility: ≥ 2.08 mg/mL (8.59 mM); Clear solution            |                                      |      |           |            |            |
|                                                                               | 3. Add each solvent one by one: 10% DMSO >> 90% corn oil<br>Solubility: ≥ 2.08 mg/mL (8.59 mM); Clear solution                            |                                      |      |           |            |            |
|                                                                               |                                                                                                                                           |                                      |      |           |            |            |

### BIOLOGICAL ACTIVITY

|             |                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------|
| Description | H-Ser-His-OH is a short peptide with hydrolysis cleavage activity, an endogenous metabolite <sup>[1]</sup> . |
|-------------|--------------------------------------------------------------------------------------------------------------|

### REFERENCES

[1]. Collier TA, et al. Effect on the mechanical properties of type I collagen of intra-molecular lysine-arginine derived advanced glycation end-product cross-linking. J

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

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