



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

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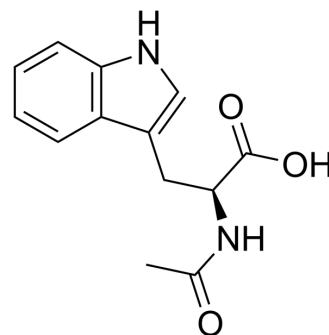
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N-Acetyl-L-tryptophan

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-W011978 | | |
| CAS No.: | 1218-34-4 | | |
| Molecular Formula: | C ₁₃ H ₁₄ N ₂ O ₃ | | |
| Molecular Weight: | 246.26 | | |
| Target: | Endogenous Metabolite | | |
| Pathway: | Metabolic Enzyme/Protease | | |
| 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 : 100 mg/mL (406.07 mM; Need ultrasonic) | | | | |
| | | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 1 mM | 4.0607 mL | 20.3037 mL | 40.6075 mL |
| | | 5 mM | 0.8121 mL | 4.0607 mL | 8.1215 mL |
| 10 mM | | 0.4061 mL | 2.0304 mL | 4.0607 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 Solubility: ≥ 2.5 mg/mL (10.15 mM); Clear solution | | | | |
| | 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.15 mM); Clear solution | | | | |
| | 3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.15 mM); Clear solution | | | | |

BIOLOGICAL ACTIVITY

| | | |
|---------------------------|--|-----------------------------|
| Description | N-Acetyl-L-tryptophan is an endogenous metabolite. | |
| IC ₅₀ & Target | Microbial Metabolite | Human Endogenous Metabolite |

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

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