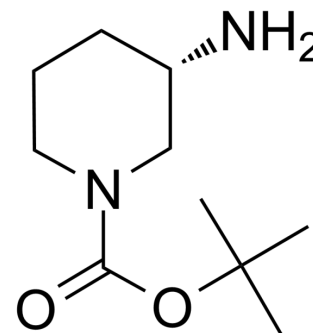


(S)-1-Boc-3-aminopiperidine

| | |
|---------------------------|--|
| Cat. No.: | HY-40029 |
| CAS No.: | 625471-18-3 |
| Molecular Formula: | C ₁₀ H ₂₀ N ₂ O ₂ |
| Molecular Weight: | 200.28 |
| Target: | Biochemical Assay Reagents |
| Pathway: | Others |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (499.30 mM; Need ultrasonic)

| Preparing Stock Solutions | Solvent Concentration | Mass | | |
|---------------------------|-----------------------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| | 1 mM | 4.9930 mL | 24.9650 mL | 49.9301 mL |
| | 5 mM | 0.9986 mL | 4.9930 mL | 9.9860 mL |
| | 10 mM | 0.4993 mL | 2.4965 mL | 4.9930 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 (12.48 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (12.48 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (12.48 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(S)-1-Boc-3-aminopiperidine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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

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