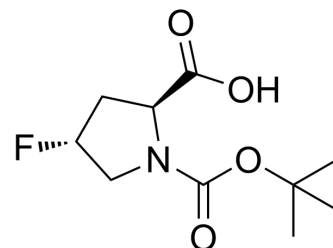


N-Boc-trans-4-fluoro-L-proline

Cat. No.:	HY-W046071		
CAS No.:	203866-14-2		
Molecular Formula:	C ₁₀ H ₁₆ FNO ₄		
Molecular Weight:	233.24		
Target:	Others		
Pathway:	Others		
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 : ≥ 250 mg/mL (1071.86 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.2874 mL	21.4371 mL	42.8743 mL
	5 mM		0.8575 mL	4.2874 mL	8.5749 mL
	10 mM		0.4287 mL	2.1437 mL	4.2874 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: ≥ 2.08 mg/mL (8.92 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.08 mg/mL (8.92 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.08 mg/mL (8.92 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

N-Boc-trans-4-fluoro-L-proline 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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