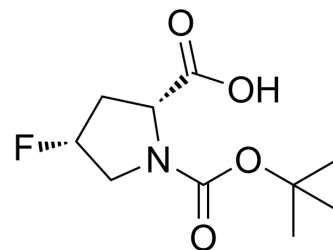


(4R)-1-Boc-4-fluoro-D-proline

Cat. No.:	HY-W061614		
CAS No.:	681128-51-8		
Molecular Formula:	C ₁₀ H ₁₆ FNO ₄		
Molecular Weight:	233.24		
Target:	Amino Acid Derivatives		
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 : 100 mg/mL (428.74 mM; Need ultrasonic)

	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.

BIOLOGICAL ACTIVITY

Description

(4R)-1-Boc-4-fluoro-D-proline is an amino acid derivative that can be used for preparation of peptidomimetics, dihydropyridopyrimidines and pyridopyrimidines^{[1][2][3]}.

REFERENCES

- [1]. Lee D. Arnold, et al. Inhibitors of cysteine proteases and methods of use thereof. WO2021212039.
- [2]. Matthew Arnold Marx, et al. Kras g12c inhibitors. WO2020101736.
- [3]. Matthew Arnold Marx, et al. Kras g12c inhibitors. US20190270743.

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

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