Fmoc-Arg(Pbf)-OH

Cat. No.: HY-Y1636

CAS No.: 154445-77-9

Molecular Formula: $C_{34}H_{40}N_4O_7S$

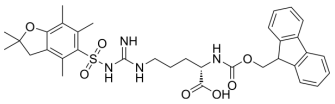
Molecular Weight: 648.77

Target: Amino Acid Derivatives

Pathway: Others

Storage:

Powder	-20°C	3 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (154.14 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.5414 mL	7.7069 mL	15.4138 mL
	5 mM	0.3083 mL	1.5414 mL	3.0828 mL
	10 mM	0.1541 mL	0.7707 mL	1.5414 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Fmoc-Arg(Pbf)-OH is an arginine derivative containing amine protecting group Fmoc. Fmoc-Arg(Pbf)-OH is a building block for the introduction of Arg into SPPS (Solid-Phase Peptide Synthesis)[1].

REFERENCES

[1]. Beatriz G, et al. Successful development of a method for the incorporation of Fmoc-Arg (Pbf)-OH in solid-phase peptide synthesis using N-butylpyrrolidinone (NBP) as solvent. Green Chemistry, 2020, 22(10): 3162-3169.

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