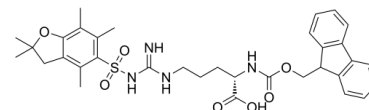


## Data Sheet

<b>Product Name:</b>	Fmoc-Arg(Pbf)-OH
<b>Cat. No.:</b>	CS-W019715
<b>CAS No.:</b>	154445-77-9
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>40</sub> N <sub>4</sub> O <sub>7</sub> S
<b>Molecular Weight:</b>	648.77
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Solubility:</b>	10 mM in DMSO



### BIOLOGICAL ACTIVITY:

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)<sup>[1]</sup>.

### 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.

### CAIndexNames:

L-Ornithine, N5-[[[(2,3-dihydro-2,2,4,6,7-pentamethyl-5-benzofuranyl)sulfonyl]amino]iminomethyl]-N2-[(9H-fluoren-9-ylmethoxy)carbonyl]-

### SMILES:

N=C(NS(=O)C1=C(C)C(C)=C(OC(C)(C)C2)C2=C1C)=O)NCCC[C@@H](C(O)=O)NC(OCC3C4=C(C5=C3C=CC=C5)C=CC=C4)=O

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

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