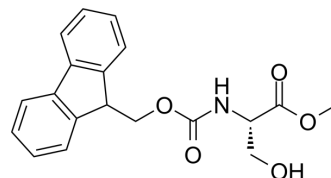


Fmoc-Ser-OMe

Cat. No.:	HY-W072147		
CAS No.:	82911-78-2		
Molecular Formula:	C ₁₉ H ₁₉ NO ₅		
Molecular Weight:	341.36		
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



BIOLOGICAL ACTIVITY

Description

Fmoc-Ser-OMe (Fmoc-L-Ser-OMe) is a hydroxylated L-amino acid protected with a 9-fluorenylmethoxycarbonyl (Fmoc) group. Fmoc-Ser-OMe involves in chlorophyll–amino acid conjugates synthesis, and acts as a chromo/fluorophores modified protein and emits visible to near-infrared lights efficiently. Fmoc-Ser-OMe glycosylates and produces small mucin-related Olinked glycopeptides, as an alcohol acceptor^{[1][2]}.

REFERENCES

[1]. Tamiaki H, et al. Synthesis of chlorophyll–amino acid conjugates as models for modification of proteins with chromo/fluorophores. *Bioorg Med Chem.* 2014 Feb 15;22(4):1421-8.

[2]. Kärkkäinen TS, et al. Iodine-mediated glycosylation en route to mucin-related glyco-aminoacids and glycopeptides. *Carbohydr Res.* 2008 Jul 21;343(10-11):1830-4.

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

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