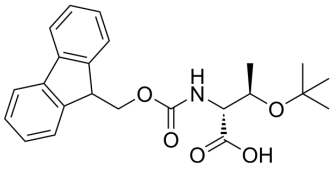
FMOC-D-Allo-THR(TBU)-OH

Cat. No.:	HY-W048700
CAS No.:	170643-02-4
Molecular Formula:	$C_{23}H_{27}NO_5$
Molecular Weight:	397.46
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-D-Allo-THR(TBU)-OH is a D-allothreonine derivative[1].
In Vitro	FMOC-D-Allo-THR(TBU)-OH can be synthesized by Fischer and Sandosham through the protection of hydroxy groups with the tBu using H_2SO_4/2-methylpropene and deprotection of tBu ester by 25% $Cl_2CHCOOH$ in 8% yield[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mari Kikuchi, et al. Improved synthesis of d-allothreonine derivatives from l-threonine. Tetrahedron. 26 August 2013, 69(34):7098-7101.

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