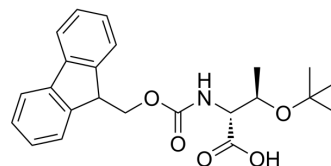


FMOC-D-Allo-THR(TBU)-OH

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:	<div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



BIOLOGICAL ACTIVITY

Description	FMOC-D-Allo-THR(TBU)-OH is a D-allothreonine derivative ^[1] .
In Vitro	<p>FMOC-D-Allo-THR(TBU)-OH can be synthesized by Fischer and Sandosham through the protection of hydroxy groups with the tBu using H₂SO₄/2-methylpropene and deprotection of tBu ester by 25% Cl₂CHCOOH in 8% yield^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

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

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

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