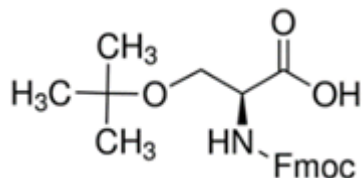


Name: Fmoc-Ser(tBu)-OH



Structure:

Formula: C₂₂H₂₅NO₅

CAS No: 71989-33-8

Molecular weight: 383.44

Appearance:	White to off-white powder
Identity (IR):	Must conform with structure
Purity (HPLC):	99.5% min
Related substances (By HPLC):	
Fmoc -Ser-OH	0.1% max
Fmoc -D -Ser(tBu) -OH	0.1% max
Fmoc-β -Ala -OH	0.1% max
Fmoc-β -Ala- Ser(tBu)-OH	0.1% max
Fmoc-OH	0.1% max
HOSU	0.1% max
Highest single impurity:	0.1% max
Sum of unspecified impurities:	0.2% max
Related substances (By TLC):	
H-Ser-OH	0.1% max
H-D-Ser-OH	0.1% max
H-Ser(tBu)-OH	0.1% max
Assay by titrimetry (% w/w on anhydrous basis):	99.0% min
Water:	1.0% max
Solubility:	Clear solution obtained in 10%W/V in 10% DMF



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