Certificate of Analysis

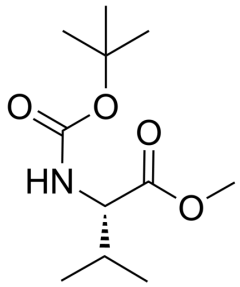
(S)-Methyl 2-((tert-butoxycarbonyl)amino)-3-methylbutanoate

Cat. No.:	HY-41048
CAS No.:	58561-04-9
Batch No.:	270112
Chemical Name:	L-Valine, N-[(1,1-dimethylethoxy)carbonyl]-, methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{11}H_{21}NO_4$		
Molecular Weight:	**231.29**		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (GC):	**98.30%**
Water(KF):	0.14%
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA