

# Certificate of Analysis

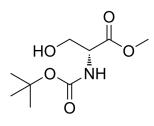
## (R)-Methyl 2-(tert-butoxycarbonylamino)-3-hydroxypropanoate

Cat. No.:	HY-79513
CAS No.:	95715-85-8
Batch No.:	376763
Chemical Name:	D-Serine, N-[(1,1-dimethylethoxy)carbonyl]-, methyl ester

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_9H_{17}NO_5$		
Molecular Weight:	219.24		
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 off-white (Solid-Liquid Mixture)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥96.0%
OR(C=0.69 g/100ml MEOH):	18.5°
Conclusion:	The product has been tested and complies with the given specifications.
OR(C=0.69 g/100ml MEOH):	18.5°

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

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