Certificate of Analysis

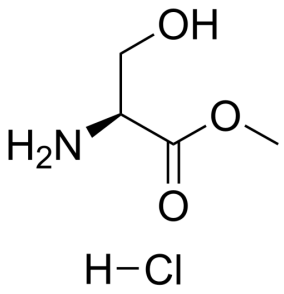
L-Serine methyl ester (hydrochloride)

Cat. No.:	HY-32687A
CAS No.:	5680-80-8
Batch No.:	113753
Chemical Name:	L-Serine, methyl ester, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_4H_{10}ClNO_3$		
Molecular Weight:	**155.58**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥97.0%**
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.

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