Certificate of Analysis

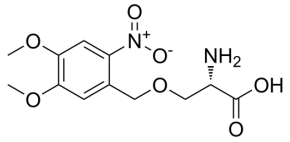
DMNB-caged-Serine

Cat. No.:	HY-136276
CAS No.:	780009-55-4
Batch No.:	292053
Chemical Name:	L-Serine, O-[(4,5-dimethoxy-2-nitrophenyl)methyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{12}H_{16}N_2O_7$		
Molecular Weight:	**300.26**		
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:	Light yellow to light brown (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.48%**
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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