Certificate of Analysis

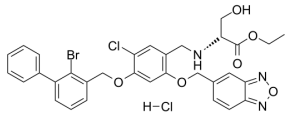
PD-1/PD-L1-IN-23

Cat. No.:	HY-145774
CAS No.:	2597056-04-5
Batch No.:	151549
Chemical Name:	D-Serine, N-[[2-(2,1,3-benzoxadiazol-5-ylmethoxy)-4-[(2-bromo[1,1′-biphenyl]-3-yl)methoxy]-5-chlorophenyl]methyl]-, ethyl ester, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{32}H_{30}BrCl_2N_3O_6$		
Molecular Weight:	703.41		
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
LCMS:	Consistent with structure
Purity (LCMS):	99.88%
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