Certificate of Analysis

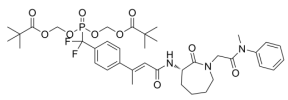
PM-43I

Cat. No.:	HY-148092
CAS No.:	1637532-77-4
Batch No.:	311982
Chemical Name:	Propanoic acid, 2,2-dimethyl-, 1,1′-[[[difluoro[4-[(1E)-3-[[(3S)-hexahydro-1-[2-(methylphenylamino)-2-oxoethyl]-2-oxo-1H-azepin-3-yl]amino]-1-methyl-3-oxo-1-propen-1-yl]phenyl]methyl]phosphinylidene]bis(oxymethylene)] ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{38}H_{50}F_2N_3O_{10}P$		
Molecular Weight:	**777.79**		
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 (HPLC):	**95.04%**
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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