Certificate of Analysis

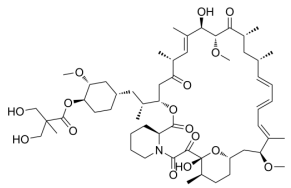
Temsirolimus

Cat. No.:	HY-50910
CAS No.:	162635-04-3
Batch No.:	09959
Chemical Name:	Rapamycin, 42-[3-hydroxy-2-(hydroxymethyl)-2-methylpropanoate]

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{56}H_{87}NO_{16}$
Molecular Weight:	**1030.29**
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 1 year; -20°C, 6 months (protect from light, stored under nitrogen)

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (HPLC):	**99.25%**
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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