Certificate of Analysis

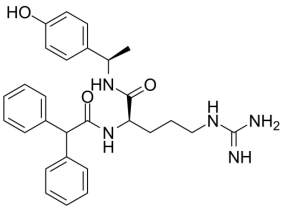
Y1 receptor antagonist 1

Cat. No.:	HY-101704
CAS No.:	221697-09-2
Batch No.:	102281
Chemical Name:	Benzeneacetamide, N-[(1R)-4-[(aminoiminomethyl)amino]-1-[[[(1R)-1-(4-hydroxyphenyl)ethyl]amino]carbonyl]butyl]-α-phenyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{28}H_{33}N_5O_3$		
Molecular Weight:	487.59		
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):	99.69%
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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