Certificate of Analysis

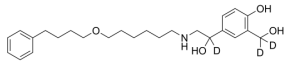
Salmeterol-D3

Cat. No.:	HY-135119
CAS No.:	497063-94-2
Batch No.:	145932
Chemical Name:	1,3-Benzenedimethan-α1,α1,α3-d3-ol, 6-hydroxy-α3-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{25}H_{34}D_3NO_4$		
Molecular Weight:	**418.58**		
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):	**98.91%**
Isotopic Enrichment:	99.80%
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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