Certificate of Analysis

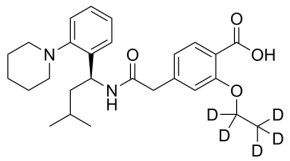
Repaglinide-d_5

Cat. No.:	HY-15209S
CAS No.:	1217709-85-7
Batch No.:	255620
Chemical Name:	Benzoic acid, 2-(ethoxy-1,1,2,2,2-d5)-4-[2-[[(1S)-3-methyl-1-[2-(1-piperidinyl)phenyl]butyl]amino]-2-oxoethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{27}H_{31}D_5N_2O_4$		
Molecular Weight:	**457.62**		
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):	**99.87%**
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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