Certificate of Analysis

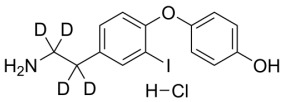
3-Iodothyronamine-d_4 (hydrochloride)

Cat. No.:	HY-135065S
CAS No.:	884320-54-1
Batch No.:	287038
Chemical Name:	Phenol, 4-[4-(2-aminoethyl-1,1,2,2-d4)-2-iodophenoxy]-, hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{14}H_{11}D_4ClINO_2$		
Molecular Weight:	**395.66**		
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):	**99.26%**
Isotopic Enrichment:	98.5%
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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