Certificate of Analysis

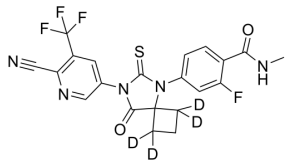
Apalutamide-d_4

Cat. No.:	HY-16060S
CAS No.:	1638885-65-0
Batch No.:	318888
Chemical Name:	4-(7-(6-Cyano-5-(trifluoromethyl)pyridin-3-yl)-8-oxo-6-thioxo-5,7-diazaspiro[3.4]octan-5-yl-1,1,3,3-d4)-2-fluoro-N-methylbenzamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{21}H_{11}D_4F_4N_5O_2S$		
Molecular Weight:	**481.46**		
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 light yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	**≥99.0%**
Isotopic Enrichment:	>98.0%
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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