Certificate of Analysis

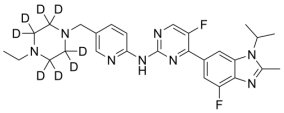
Abemaciclib-d_8

Cat. No.:	HY-16297AS
CAS No.:	2088650-53-5
Batch No.:	276136
Chemical Name:	2-Pyrimidinamine, N-[5-[(4-ethyl-1-piperazinyl-2,2,3,3,5,5,6,6-d8)methyl]-2-pyridinyl]-5-fluoro-4-[4-fluoro-2-methyl-1-(1-methylethyl)-1H-benzimidazol-6-yl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{27}H_{24}D_8F_2N_8$		
Molecular Weight:	**514.64**		
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 yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	**99.57%**
Isotopic Enrichment:	99.30%
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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