Certificate of Analysis

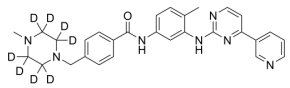
Imatinib-d_8

Cat. No.:	HY-15463S
CAS No.:	1092942-82-9
Batch No.:	262892
Chemical Name:	Benzamide, 4-[(4-methyl-1-piperazinyl-2,2,3,3,5,5,6,6-d8)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{29}H_{23}D_8N_7O$		
Molecular Weight:	**501.65**		
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):	**99.85%**
Isotopic Enrichment:	99.90%
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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