Certificate of Analysis

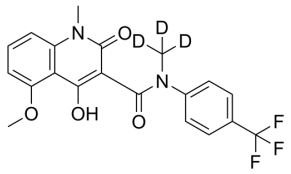
Tasquinimod-d_3

Cat. No.:	HY-10528S
CAS No.:	1416701-99-9
Batch No.:	417736
Chemical Name:	3-Quinolinecarboxamide, 1,2-dihydro-4-hydroxy-5-methoxy-1-methyl-N-(methyl-d3)-2-oxo-N-[4-(trifluoromethyl)phenyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{20}H_{14}D_3F_3N_2O_4$		
Molecular Weight:	**409.37**		
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):	**99.34%**
Isotopic Enrichment:	99.8%
Additional Information:	d2=0.7%, d3=99.3%
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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