Certificate of Analysis

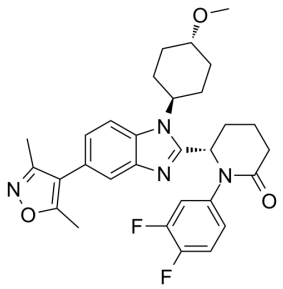
Inobrodib

Cat. No.:	HY-111784
CAS No.:	2222941-37-7
Batch No.:	44004
Chemical Name:	2-Piperidinone, 1-(3,4-difluorophenyl)-6-[5-(3,5-dimethyl-4-isoxazolyl)-1-(trans-4-methoxycyclohexyl)-1H-benzimidazol-2-yl]-, (6S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{30}H_{32}F_2N_4O_3$		
Molecular Weight:	534.60		
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
Enantiomeric Excess:	97.03%
Purity (LCMS):	99.53%
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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