

Certificate of Analysis

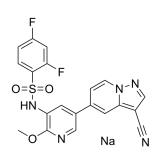
PI3K/mTOR Inhibitor-13 (sodium)

Cat. No.:	HY-153120A
CAS No.:	2361009-23-4
Batch No.:	279053
Chemical Name:	Benzenesulfonamide, N-[5-(3-cyanopyrazolo[1,5-a]pyridin-5-yl)-2-methoxy-3-pyridinyl]-2,4-difl
	uoro-, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{20}H_{13}F_2N_5NaO_3S$
Molecular Weight:	464.40
Storage:	4°C, sealed storage, away from moisture
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	98.13%
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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