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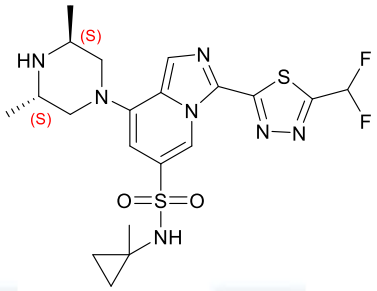
Certificate of Analysis



Product Name:	**FORX-428**
Synonym:	FORX428
CAS No:	2922789-15-7
Prod. No:	CT-FORX428
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$C_{20}H_{25}F_2N_7O_2S_2 \cdot 1/5H_2O$ 501.2
Solubility	Soluble in DMSO (50.1mg/mL, 100 mM)
Storage	Store at 0-4 °C (short term), -20 °C (long term), desiccated

Appearance	Yellow to Pale-yellow Powder
Quality Control	^{1}H-NMR: [√] MS: [√] Achiral HPLC: [√] Chiral HPLC: [√] Quantitative Elemental Analysis: [√] $C_{20}H_{25}F_2N_7O_2S_2 \cdot 1/5H_2O$ Calculated: C: 47.93% H: 5.11% N: 19.56% Found: C: 47.78% H: 5.06% N: 19.32%
Chemical Purity	99% (HPLC)
Optical Purity (e.e)	99% (Chiral HPLC)