

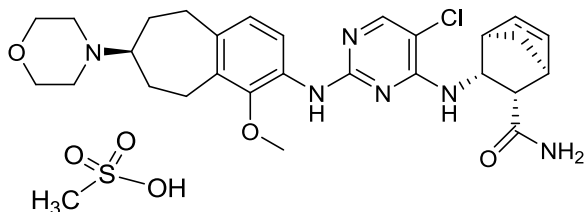


Northeast Business Center

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Certificate of Analysis



Product Name:	CEP-28122 Mesylate
Synonym:	NA
CAS No:	1354545-57-5
Prod. No:	CT-CEPM
Lot No:	01
Mol. Formula	$C_{28}H_{35}ClN_6O_3 \cdot 1.6CH_4O_3S$
Mol. Wt.	692.8
Solubility	Soluble in DMSO (69.3mg/ml, 100mM); Water (41.5mg/ml, 60mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Off-White powder
Quality Control	MS: [✓] 1H NMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{28}H_{35}ClN_6O_3 \cdot 1.6CH_4O_3S$ Calculated: C: 51.31%; H: 6.02%; N: 12.13% Found: C: 51.29%; H: 5.97%; N: 12.12%
Loss on Drying	< 0.2%
Chemical Purity	>99% (HPLC at 220 and 254 nm)
Optical purity (ee, de)	100% (Chiral HPLC)