

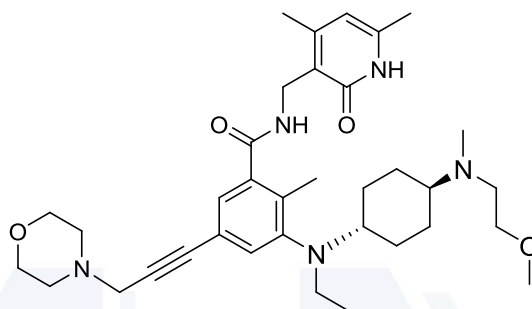


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>EPZ011989</b> (Hydrochloride)
<b>Synonym</b>	NA
<b>CAS No:</b>	1598383-40-4
<b>Prod. No:</b>	CT-EPZ989
<b>Lot No:</b>	01
<b>Batch Empirical Formula</b> <b>Batch Empirical Wt.</b>	$C_{35}H_{51}N_5O_4 \cdot HCl \cdot H_2O$ 660.3
<b>Solubility</b>	Soluble in DMSO (66.0 mg/ml, 100 mM)
<b>Storage</b>	Store at 0 °C (short term), - 20 °C (long term), desiccated

<b>Appearance</b>	Off-white to Pale Yellow Powder
<b>Quality Control</b>	MS: [✓] $^1H$ NMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{35}H_{51}N_5O_4 \cdot HCl \cdot H_2O$ Calculated: C: 63.67%; H: 8.24%; N: 10.61% Found: C: 63.68%; H: 8.18%; N: 10.47%
<b>Chemical Purity</b>	>99% (HPLC at 214 and 254 nm )