

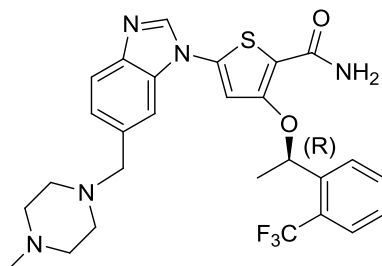


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>GSK461364</b>
<b>Synonym:</b>	NA
<b>CAS No:</b>	929095-18-1
<b>Prod. No:</b>	CT-GSK461
<b>Lot No:</b>	01
Batch Empirical Formula Batch Empirical Wt.	C <sub>27</sub> H <sub>28</sub> F <sub>3</sub> N <sub>5</sub> O <sub>2</sub> S · 0.3HCl 554.5
Solubility	Soluble in DMSO (55.5mg/ml, 100mM) Water with 2 eq. HCl (40mg/ml, 72.1 mM) ( <b>Protocol:</b> To 40 mg GSK461364 (72.1 μmol) is added 1.0 ml aqueous solution (prepared by mixing 144.2 μL 1.0 N HCl (144.2 μmol HCl) with 855.8 μL water), swirling to dissolve.
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	White to off-white powder
<b>Quality Control</b>	MS: [✓] <sup>1</sup> HNMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C <sub>27</sub> H <sub>28</sub> F <sub>3</sub> N <sub>5</sub> O <sub>2</sub> S · 0.3HCl Calculated: C: 58.48%; H: 5.14%; N: 12.63% Found: C: 58.63%; H: 5.12%; N: 12.77%
<b>Loss on Drying</b>	< 0.2%
<b>Chemical Purity</b>	>99% (HPLC, at 220nm)
<b>Optical Purity (ee)</b>	>99% (Chiral HPLC)