

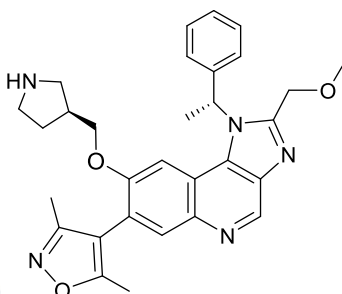


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>GSK778</b>
<b>Synonym:</b>	GSK-778
<b>CAS No:</b>	2451862-42-1
<b>Prod. No:</b>	CT-GSK778
<b>Lot No:</b>	01
Batch Empirical Formula	C <sub>30</sub> H <sub>33</sub> N <sub>5</sub> O <sub>3</sub> ·0.5H <sub>2</sub> O
Batch Empirical Wt.	520.6
Solubility	Soluble in DMSO (41.6mg/ml, 80mM)
Storage	Store at 0-4 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	White to Off-white Solid
<b>Quality Control</b>	<sup>1</sup> H-NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C <sub>22</sub> H <sub>24</sub> N <sub>6</sub> O·0.5H <sub>2</sub> O Calculated: C: 69.21%; H: 6.58%; N: 13.45% Found: C: 68.71%; H: 6.57%; N: 13.25%
<b>Chemical Purity</b>	>99% (Achiral HPLC)
<b>Optical Purity (e.e)</b>	>99% (Chiral HPLC)