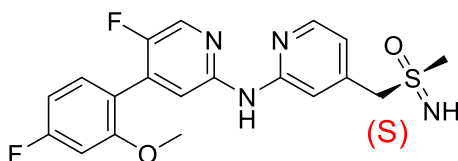


**Northeast Business Center**

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## Certificate of Analysis



<b>Product Name:</b>	<b>Enitociclib</b>
<b>Synonym:</b>	(S)-(+)-BAY-1251152, VIP152
<b>CAS No:</b>	1610408-97-3
<b>Prod. No:</b>	CT-ENITO
<b>Lot No:</b>	01
<b>Batch Empirical Formula</b>	C <sub>19</sub> H <sub>18</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub> S
<b>Batch Empirical Wt.</b>	404.4
<b>Solubility</b>	Soluble in DMSO (40.4mg/ml, 100mM) 0.1N HCl aqueous solution (20.2mg, 50mM)
<b>Storage</b>	Store at 0-4 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	White to Off-white Powder
<b>Quality Control</b>	<sup>1</sup> H-NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C <sub>19</sub> H <sub>18</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub> S Calculated: C: 56.43% H: 4.49% N: 13.85% Found: C: 56.39% H: 4.41% N: 13.82%
<b>Optical Rotation</b>	Measured: [α] <sup>20</sup> <sub>D</sub> = + 12.3 ° (c 0.98, DMSO) Reported: [α] <sup>20</sup> <sub>D</sub> = + 11.4 ° (c 1, DMSO)
<b>Chemical Purity</b>	>99% (HPLC)
<b>Optical Purity (e.e)</b>	>99% (Chiral HPLC)