

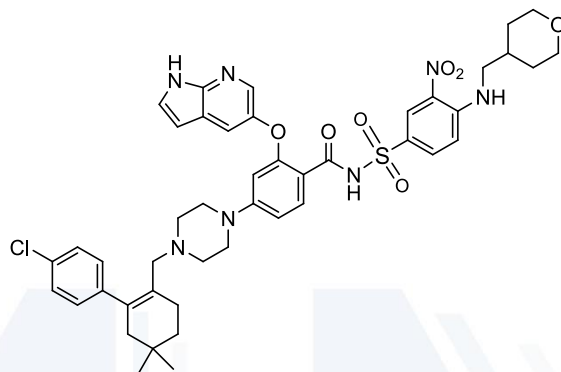


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>ABT-199</b>
<b>Synonym:</b>	Venetoclax, GDC-0199
<b>CAS No:</b>	1257044-40-8
<b>Prod. No:</b>	CT-A199
<b>Lot No:</b>	09
Batch Empirical Formula	C <sub>45</sub> H <sub>50</sub> ClN <sub>7</sub> O <sub>7</sub> S
Batch Empirical Wt.	868.4
Solubility	Soluble in DMSO (72.4mg/ml, 80 mM)
Storage	Store at 0 °C (short term), -20 °C ( long term), desiccated

<b>Appearance</b>	Yellow powder, recrystallized
<b>Quality Control</b>	MS: [✓] <sup>1</sup> HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis [✓]: C <sub>45</sub> H <sub>50</sub> ClN <sub>7</sub> O <sub>7</sub> S Calculated: C: 62.24% H: 5.80% N: 11.29% Found: C: 62.19% H: 5.75% N: 11.28%
<b>Chemical Purity</b>	>99% (HPLC)