

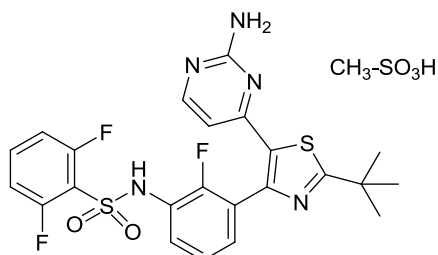


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>Dabrafenib Mesylate</b>
<b>Synonym:</b>	GSK2118436B
<b>CAS No:</b>	1195768-06-9
<b>Prod. No:</b>	CT-DABR
<b>Lot No:</b>	05
<b>Molecular Formula</b> <b>Molecular Weight</b>	C <sub>23</sub> H <sub>20</sub> F <sub>3</sub> N <sub>5</sub> O <sub>2</sub> S <sub>2</sub> • CH <sub>4</sub> O <sub>3</sub> S 615.7
<b>Solubility</b>	Soluble in DMSO (>30.8mg/ml, >50mM)
<b>Storage</b>	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: [✓] Quantitative Elemental Analysis: [✓] C <sub>23</sub> H <sub>20</sub> F <sub>3</sub> N <sub>5</sub> O <sub>2</sub> S <sub>2</sub> • CH <sub>4</sub> O <sub>3</sub> S Calculated: C: 46.82% H: 3.93% N: 11.38 Found: C: 46.59% H: 3.93% N: 11.32
<b>Loss on Drying</b>	< 0.2%
<b>Purity</b>	>99% (HPLC at 214 and 254 nm)