

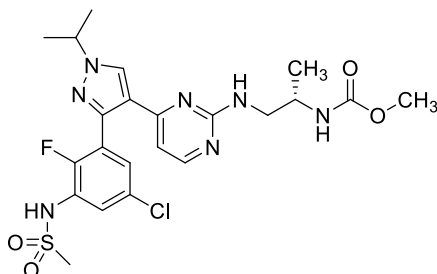


Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

## Certificate of Analysis



<b>Product Name:</b>	<b>LGX818 (Encorafenib)</b>
<b>Synonym</b>	NVP-LGX818, Encorafenib
<b>CAS No:</b>	1269440-17-6
<b>Prod. No:</b>	CT-LGX818
<b>Lot No:</b>	02
<b>Batch Empirical Formula</b>	C <sub>22</sub> H <sub>27</sub> ClFN <sub>7</sub> O <sub>4</sub> S
<b>Batch Empirical Wt.</b>	540.0
<b>Solubility</b>	Soluble in DMSO (27.0 mg/ml, 50 mM) at 50 °C
<b>Storage</b>	Store at 0 °C (short term), - 20 °C (long term), desiccated

<b>Appearance</b>	White to off-white powder, recrystallized
<b>Quality Control</b>	<sup>1</sup> HNMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C <sub>22</sub> H <sub>27</sub> ClFN <sub>7</sub> O <sub>4</sub> S Calculated: C: 48.93%; H: 5.04%; N: 18.16% Found: C: 48.88%; H: 4.98%; N: 18.21%
<b>Chemical Purity</b>	>99% (Achiral HPLC)
<b>Optical Purity (e.e)</b>	100% (Chiral HPLC)