

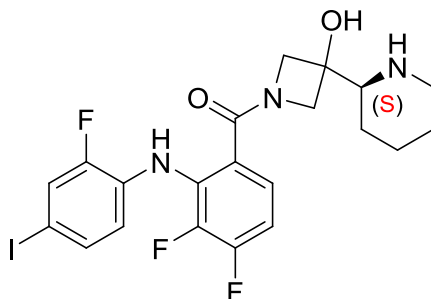


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>GDC-0973</b>
<b>Synonym:</b>	Cobimetinib, GDC0973, XL518, XL-518
<b>CAS No:</b>	934660-93-2
<b>Prod. No:</b>	CT-G0973
<b>Lot No:</b>	01
<b>Batch Empirical Formula Batch Mol. Wt.</b>	$C_{21}H_{21}F_3IN_3O_2$ 531.3
<b>Solubility</b>	Soluble in: DMSO (53.1mg/ml, 100 mM) 0.5 N HCl (26.6mg/ml, 50 mM)
<b>Storage</b>	Store at 0 °C (short term), -20 °C ( long term), desiccated

<b>Appearance</b>	White Crystalline Powder
<b>Quality Control</b>	$^1H$ NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{21}H_{21}F_3IN_3O_2$ Calculated: C: 47.47%; H: 3.98%; N: 7.91% Found: C: 47.72%; H: 4.10%; N: 7.82%
<b>Chemical Purity</b>	>99.5% (Achiral HPLC at 214 and 254 nm)
<b>Optical Purity (ee)</b>	>99%% (Chiral HPLC)