

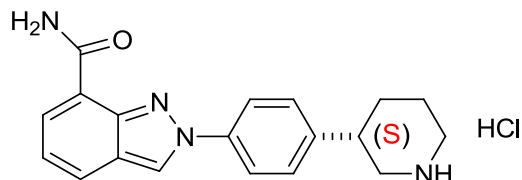


Northeast Business Center

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>MK-4827, HCl Salt</b>
<b>Synonym:</b>	Niraparib
<b>IUPAC Name:</b>	(S)-2-(4-(piperidin-3-yl)phenyl)-2H-indazole-7-carboxamide hydrochloride
<b>CAS No:</b>	1038915-64-8
<b>Prod. No:</b>	CT-MK4827
<b>Lot No:</b>	05
<b>Batch Empirical Formula</b> <b>Batch Empirical Wt..</b>	$C_{19}H_{20}N_4O \cdot HCl$ 356.9
<b>Solubility</b>	Soluble in DMSO (21.4mg/ml, 60mM), 25 °C DMSO/H <sub>2</sub> O (2/1) (21.4mg, 60mM), 25 °C
<b>Storage</b>	Store at 0 °C (short term), at -20 °C (long term), desiccated in a tightly-closed container. Note: <b>Hygroscopic.</b>

<b>Appearance</b>	Pale Yellow Crystalline Solid
<b>Quality Control</b>	MS: [✓] <sup>1</sup> HNMR: [✓] HPLC: [✓] Chiral HPLC: [✓] <b>Quantitative Elemental Analysis: [✓] <math>C_{19}H_{20}N_4O \cdot HCl</math></b> Calculated: C: 63.95%; H: 5.93%; N: 15.70%; Cl: 9.93% Found: C: 63.95%; H: 6.10%; N: 15.75%; Cl: 10.02%
<b>Chemical Purity</b>	>99% (HPLC)
<b>Optical Purity (e.e)</b>	>99% (Chiral HPLC)