

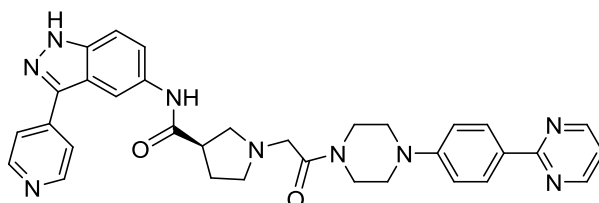


Northeast Business Center

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>SCH772984</b>
<b>IUPAC:</b>	(R)-1-(2-oxo-2-(4-(4-(pyrimidin-2-yl)phenyl)piperazin-1-yl)ethyl)-N-(3-(pyridin-4-yl)-1H-indazol-5-yl)pyrrolidine-3-carboxamide
<b>CAS No:</b>	942183-80-4
<b>Prod. No:</b>	CT-SCH772
<b>Lot No:</b>	03
Batch Empirical Formula Batch Empirical. Wt.	$C_{33}H_{33}N_9O_2 \cdot 0.8HCl$ 616.8
<b>Solubility</b>	<b>In DMSO (20 mM), in DMSO/Water (4/1) with 2 eq. of HCl (30 mM)</b>
<b>Storage</b>	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	Pale Yellow Solid
<b>Quality Control</b>	MS: [✓] $^1H$ NMR: [✓] HPLC: [✓] Chiral HPLC: [✓] <b>Quantitative Elemental Analysis [✓]: <math>C_{33}H_{33}N_9O_2 \cdot 0.8HCl</math></b> Calculated: C: 64.26% H: 5.52% N: 20.44% Found: C: 64.79% H: 5.52% N: 20.40%
<b>Chemical Purity</b>	>99.5% (HPLC at 214 and 254 nm)
<b>Optical Purity (e.e)</b>	100% (Chiral HPLC)