

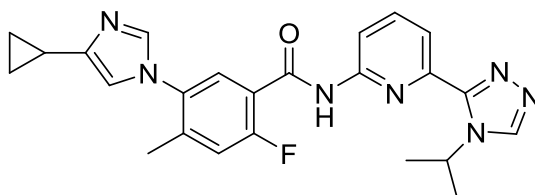


Northeast Business Center

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

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

Certificate of Analysis



Product Name:	GS-4997
Synonym	Selonsertib
CAS No:	1448428-04-3
Prod. No:	CT-G4997
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$C_{24}H_{24}FN_7O \cdot 1.8H_2O$ 477.9
Solubility	Soluble in: DMSO (47.8mg/ml, 100mM) at 40 °C
Storage	Store at 0-4 °C (short term), - 20 °C (long term), desiccated

Appearance	White powder, re-crystallized
Quality Control	MS: [✓] 1H NMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{24}H_{24}FN_7O \cdot 1.8H_2O$ Calculated: C: 60.32%; H: 5.82%; N: 20.52% Found: C: 60.66%; H: 5.84%; N: 20.54%
Chemical Purity	99.5% (HPLC at 214 and 254 nm)