

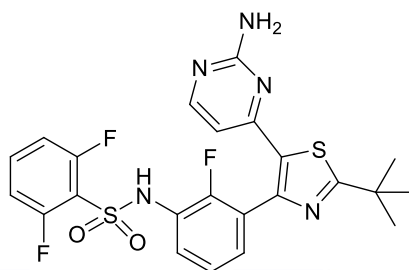


Northeast Business Center

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:	Dabrafenib, free base
Synonym:	GSK2118436A
CAS No:	1195765-45-7
Prod. No:	CT-DABRF
Lot No:	04
Batch Empirical Formula Batch Empirical Wt	$C_{23}H_{20}F_3N_5O_2S_2 \cdot H_2O$ 537.6
Solubility	Soluble in DMSO (>26.9mg/ml, >50 mM)
Storage	Store at 0- 4 °C (short term), -20 °C (long term), desiccated

Appearance	White to off-white powder
Quality Control	MS: [✓] 1H NMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{23}H_{20}F_3N_5O_2S_2 \cdot H_2O$ Calculated: C: 51.39% H: 4.12% N: 13.03% Found: C: 51.26% H: 4.11% N: 13.03%
Loss on Drying	< 0.2%
Chemical Purity	>99.5% (HPLC at 214 nm) >99.5% (HPLC at 254 nm)