

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB4285	
Compound name	Vemurafenib	
Chemical name	N-[3-[5-(4-chlorophenyl)-1H-pyrrolo[2,3-b]pyridine-3-carbonyl]-2,4-difluorophenyl]propane-1-sulfonamide	
Batch number	E1115-1-1	
Batch molecular formula	C ₂₃ H ₁₈ ClF ₂ N ₃ O ₃ S	
Batch molecular weight	489.92	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.2%
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 14% MeOH, 1% NH ₃ /CHCl ₃ shows one spot under uv	Meets specification: R _f =0.5
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

20-06-19

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.