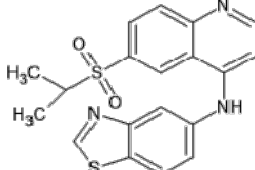


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB5933	
Compound name	GSK'872	
Chemical name	N-5-Benzothiazolyl-6-[(1-methylethyl)sulfonyl]-4-quinolinamine	
Batch number	E2040-1-1	
Batch molecular formula	C ₁₉ H ₁₇ N ₃ O ₂ S ₂ ·H ₂ O	
Batch molecular weight	401.50	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.0%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	Pale yellow to yellow solid	Meets specification: Yellow solid
Solubility	Soluble in DMSO (100 mM) and in ethanol (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

02/08/2022

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