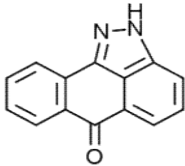


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2234	
Compound name	SP 600125	
Chemical name	Anthra[1-9-cd]pyrazol-6(2H)-one	
Batch number	E0676-1-2	
Batch molecular formula	C ₁₄ H ₈ N ₂ O.0.25H ₂ O	
Batch molecular weight	224.73	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.1%
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
TLC	TLC analysis in 10% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.55
Physical appearance	Yellow to pale yellow solid	Meets specification: Yellow solid
Solubility	Soluble in DMSO (100 mM)	Meets specification
Biological validation		

Produced by

Signature

Passed by

Signature

Date

11-09-17

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