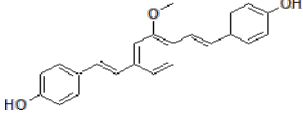


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB5252	
Compound name	Methoxy-X04	
Chemical name	4,4'-[(2-methoxy-1,4-phenylene)di-(1E)-2,1-ethenediyl]bisphenol	
Batch number	E1718-1-1	
Batch molecular formula	C ₂₃ H ₂₀ O ₃ ·0.5H ₂ O	
Batch molecular weight	353.42	
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 negative analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	Yellow to orange solid	Meets specification: Yellow solid
Solubility	Soluble in DMSO (100 mM) and in ethanol (20 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

24-11-21

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