

# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB2501	
<b>Compound name</b>	Fulvestrant	
<b>Chemical name</b>	7α,17β-[9-[(4,4,5,5,5-Pentafluoropentyl)sulfinyl]nonyl]estra-1,3,5(10)-triene-3,17-diol	
<b>Batch number</b>	E1258-1-1	
<b>Batch molecular formula</b>	C <sub>32</sub> H <sub>47</sub> F <sub>5</sub> O <sub>3</sub>	
<b>Batch molecular weight</b>	606.77	
Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
<b>NMR</b>	<sup>1</sup> H NMR in CDCl <sub>3</sub> at 400 MHz consistent with structure	Meets specification
<b>Mass spectrum</b>	Electrospray positive analysis consistent with structure	Meets specification
<b>Microanalysis</b>	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
<b>TLC</b>	TLC analysis in 10% MeOH/DCM shows one spot under uv	Meets specification: R <sub>f</sub> =0.5
<b>Physical appearance</b>	White to off-white solid	Meets specification: White solid
<b>Solubility</b>	Soluble in DMSO (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

17-01-20

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