

# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB0348	
<b>Compound name</b>	JNJ 16259685	
<b>Chemical name</b>	(3,4-Dihydro-2H-pyrido[2,3-b]quinolin-7-yl)-(cis-4-methoxycyclohexyl)-methanone	
<b>Batch number</b>	E0151-1-1	
<b>Batch molecular formula</b>	C <sub>20</sub> H <sub>23</sub> NO <sub>3</sub> ·0.2H <sub>2</sub> O	
<b>Batch molecular weight</b>	329.01	

  

Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >98% purity	Meets specification: 98.1%
<b>NMR</b>	1H NMR in DMSO 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 50% EtOAc/hexane shows one spot under uv	Meets specification: R <sub>f</sub> =0.2
<b>Physical appearance</b>	White to off-white solid	Meets specification: Off-white solid
<b>Solubility</b>	Soluble in ethanol (100 mM) and in DMSO (25 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

26-06-19

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