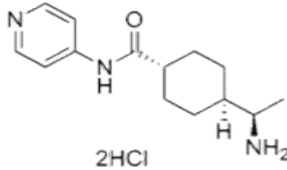


# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB2297	
<b>Compound name</b>	Y27632	
<b>Chemical name</b>	trans-4-[(1R)-1-Aminoethyl]-N-4-pyridinylcyclohexanecarboxamide dihydrochloride	
<b>Batch number</b>	E0807-1-4	
<b>Batch molecular formula</b>	C <sub>14</sub> H <sub>21</sub> N <sub>3</sub> O.2HCl.0.9H <sub>2</sub> O	
<b>Batch molecular weight</b>	336.47	
Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >98% purity	Meets specification: 99.1%
<b>NMR</b>	<sup>1</sup> H NMR in D <sub>2</sub> O 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% PAW/BuOH shows one spot under ninhydrin	Meets specification: R <sub>f</sub> =0.45
<b>Physical appearance</b>	White to off-white solid	Meets specification: White solid
<b>Solubility</b>	Soluble in water (100 mM)	Meets specification
Biological validation		

Produced by

Signature

Passed by

Signature

Date

15-06-18

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