

# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB9908	
<b>Compound name</b>	Trpvicin	
<b>Chemical name</b>	N-(5-(2-(2-cyanopropan-2-yl)pyridin-4-yl)-4-(trifluoromethyl)thiazol-2-yl)-4,6-dimethoxypyrimidine-5-carboxamide	
<b>Batch number</b>	E2122-3-8	
<b>Batch molecular formula</b>	C <sub>28</sub> H <sub>17</sub> N <sub>6</sub> O <sub>3</sub> SF <sub>3</sub>	
<b>Batch molecular weight</b>	478.45	
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 30% EtOAc/hexane shows one spot under uv	Meets specification: R <sub>f</sub> =0.25
<b>Physical appearance</b>	White to off-white solid	Meets specification: Off-white solid
<b>Solubility</b>	Soluble in DMSO (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

04/04/2023

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