

WWW.PROBECHEM.COM

## **Certificate of Analysis**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: MI-503
Cat. No.	: PC-45092
CAS No.	: 1857417-13-0
Batch No.	: PC-4509201
Chemical Name	<ul> <li>1-((1H-pyrazol-4-yl)methyl)-4-methyl-5-((4-((6-(2,2,2-trifluoroethyl)thieno[2,3-d]pyrimidin- 4-yl)amino)piperidin-1-yl)methyl)-1H-indole-2-carbonitrile</li> </ul>

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 564.6278	
Molecular Formula	: C <sub>28</sub> H <sub>27</sub> F <sub>3</sub> N <sub>8</sub> S	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 6 Months
Chemical Structure	: _N	S
	N I	$\rightarrow$
		∽_≻_F
	HŃ	∼ <sup>F F</sup>
		 N
		~''`\
	N==	$\langle \rangle$
	HN	N-(
		N
		IN IN

ANALYTICAL DATA	
Appearance	: Solid powder
<sup>1</sup> H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC and/or LCMS)	: >98%
Conclusion	: The product has been tested and complies with the given specifications.

## Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com