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## **Certificate of Analysis**

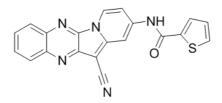
Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: HI-TOPK-032
Cat. No.	: PC-42404
CAS No.	: 487020-03-1
Batch No.	: PC-4240401
Chemical Name	: 2-Thiophenecarboxamide, N-(12-cyanoindolizino[2,3-b]quinoxalin-2-yl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 369.4	
Molecular Formula	: C <sub>20</sub> H <sub>11</sub> N <sub>5</sub> OS	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 1 Month

Chemical Structure :



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