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## **Certificate of Analysis**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: DCEM1
Cat. No.	: PC-38908
CAS No.	: 878949-21-4
Batch No.	: PC-3890801
Chemical Name	<ul> <li>N-((1H-benzo[d]imidazol-2-yl)methyl)-1-(3-ethoxy-4-(thiophen-2- ylmethoxy)phenyl)methanamine</li> </ul>

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 393.505	
Molecular Formula	: C <sub>22</sub> H <sub>23</sub> N <sub>3</sub> O <sub>2</sub> S	
Storage	: Powder -20°C 12 Months	5
	4°C 6 Months	
	In solvent -80°C 6 Months	
	-20°C 6 Months	
Chemical Structure		
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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