

## Certificate of Analysis

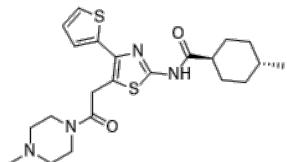
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**Product Name** : GPR81 agonist 1  
**Cat. No.** : PC-25930  
**CAS No.** : 1620992-67-7  
**Batch No.** : PC-2593001  
**Chemical Name** : trans-4-Methyl-N-[5-[2-(4-methylpiperazin-1-yl)-2-oxoethyl]-4-(2-thienyl)-1,3-thiazol-2-yl]cyclohexanecarboxamide

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 446.63  
**Molecular Formula** : C<sub>22</sub>H<sub>30</sub>N<sub>4</sub>O<sub>2</sub>S<sub>2</sub>  
**Storage** : Powder -20°C 12 Months  
In solvent 4°C 6 Months  
-80°C 6 Months  
-20°C 6 Months  
**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](mailto:tech@probechem.com)