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Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name | : MRX-2843 |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No. | : PC-49059 |
| CAS No. | : 1429882-07-4 |
| Batch No. | : PC-4905901 |
| Chemical Name | : trans-4-[2-[(2-Cyclopropylethyl)amino]-5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-7H- pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexanol |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight | : 488.680 | |
|--------------------|----------------------------------------------------|-----------------|
| Molecular Formula | : C ₂₉ H ₄₀ N ₆ O | |
| Storage | : Powder | -20°C 12 Months |
| | | 4°C 6 Months |
| | In solvent | -80°C 6 Months |
| | | -20°C 6 Months |
| Chemical Structure | : | н |
| | | |
| | \Diamond | |
| | | -n_h- |

| ANALYTICAL DATA Appearance | : Solid powder |
|-------------------------------------|---------------------------------------------------------------------------|
| ¹ H NMR Spectrum HPLC | Consistent with Consistent with |
| NP | : Consistent with |
| Purity (HPLC and/or LCMS) | |
| 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