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Certificate of Analysis

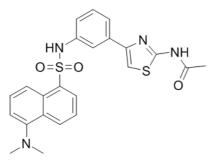
Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name | : HA-15 |
|---------------|---|
| Cat. No. | : PC-42156 |
| CAS No. | : 1609402-14-3 |
| Batch No. | : PC-4215601 |
| Chemical Name | : Acetamide, N-[4-[3-[[[5-(dimethylamino)-1-naphthalenyl]sulfonyl]amino]phenyl]-2-thiazolyl]- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight | : 466.5758 | | |
|-------------------|--|-------|----------|
| Molecular Formula | : C ₂₃ H ₂₂ N ₄ O ₃ S ₂ | | |
| Storage | : Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

Chemical Structure :



ANALYTICAL DATA

| Appearance | : Solid powder |
|-----------------------------|---|
| ¹ H NMR Spectrum | : Consistent with |
| HPLC | : Consistent with |
| NP | : Consistent with |
| Purity (HPLC) | : >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