

# Certificate of Analysis

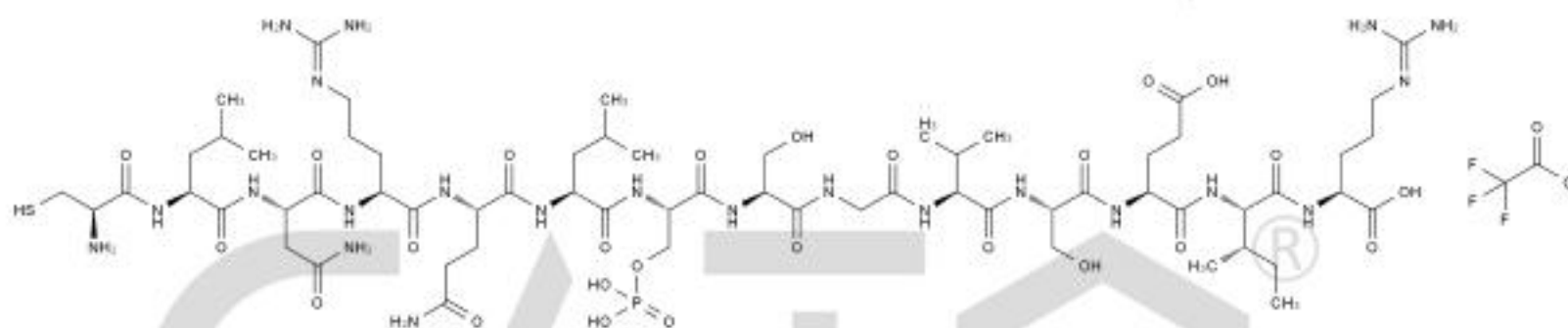
## Reference Material & Standard

|                           |                                                            |                          |                                           |
|---------------------------|------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | HCV NS4A Protein (21-34) (JT strain) trifluoroacetate salt | <b>Catalogue Number:</b> | CPTD787178                                |
| <b>Synonyms:</b>          | N/A                                                        | <b>Lot Number:</b>       | 0922-SA-7460                              |
| <b>CAS Number:</b>        | 176260-88-1                                                | <b>Expiry Date:</b>      | Sep 21, 28                                |
| <b>Molecular Formula:</b> | $C_{63}H_{116}N_{20}O_{17}C_2HF_3O_2$                      | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 1425.72 114.02                                             |                          |                                           |

**Warning:**



**Chemical Structure:**



| Test Items      | Method            | Results   |
|-----------------|-------------------|-----------|
| Appearance      | Visual inspection | Solid     |
| Identification: | LC&HNMR           | Confirmed |
| Purity:         | HPLC              | 96.748%   |

CATO Research Chemicals Inc.

**Signature:**

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Approved by General Manager:

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Date: Sep 22, 24

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Date: Sep 22, 24



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## Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Sep 22, 24 | First release.      |

