

Certificate of Analysis

PERK-IN-5

| Cat. No.: | HY-145835 |
|----------------|---|
| CAS No.: | 2616821-91-9 |
| Batch No.: | 158406 |
| Chemical Name: | 3-Pyridinecarboxamide, 2-amino-5-[4-[[(2R)-2-(3,5-difluorophenyl)-2-hydroxyacetyl]amino]-2-et |
| | hylphenyl]-N-(1-methylethyl)- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{25}H_{26}F_2N_4O_3$ | | |
|--------------------|-------------------------|-------|----------|
| Molecular Weight: | 468.50 | | |
| 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: | Off-white to light yellow (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Enantiomeric Excess: | 100.00% |
| Purity (LCMS): | 99.40% |
| Conclusion: | The product has been tested and complies with the given specifications. |
| | |

Caution: Product has not been fully validated for medical applications. For research use only.

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