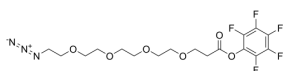


## Certificate of Analysis

|                       |   |
|-----------------------|---|
| <b>Product Name:</b>  | N3-PEG4-C2-Pfp ester  |
| <b>Cat. No.:</b>      | CS-0105087  |
| <b>CAS No.:</b>       | 1353012-00-6  |
| <b>Batch No.:</b>     | 245124  |
| <b>Chemical Name:</b> | Propanoic acid, 3-[2-[2-[2-(2-azidoethoxy)ethoxy]ethoxy]ethoxy]-, 2,3,4,5,6-pentafluorophenyl ester |

### PHYSICAL AND CHEMICAL PROPERTIES

|                            |  |
|----------------------------|--|
| <b>Molecular Formula:</b>  | C <sub>17</sub> H <sub>20</sub> F <sub>5</sub> N <sub>3</sub> O <sub>6</sub> |
| <b>Molecular Weight:</b>   | 457.35   |
| <b>Storage:</b>            | Storage temp. 2-8°C  |
| <b>Chemical Structure:</b> |  |



### ANALYTICAL DATA

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | Colorless to light yellow (Liquid)                                      |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>Purity (NMR):</b>               | ≥97.0%  |
| <b>Conclusion:</b>                 | 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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