

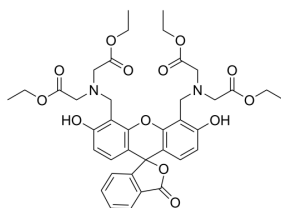
## Calcein (tetraethyl ester)

|                |  |
|----------------|--|
| Cat. No.:      | HY-D0830   |
| CAS No.:       | 1170856-93-5   |
| Batch No.:     | 241111   |
| Chemical Name: | Glycine, N,N'-[[3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthene]-4',5'-diyl]bis(methylene)]bis[N-(2-ethoxy-2-oxoethyl)-, 1,1'-diethyl ester |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |  |
|--------------------|--|
| Molecular Formula: | C <sub>38</sub> H <sub>42</sub> N <sub>2</sub> O <sub>13</sub>                                 |
| Molecular Weight:  | 734.75   |
| Storage:           | 4°C, protect from light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |

#### Chemical Structure:



### ANALYTICAL DATA

|                              |   |
|------------------------------|---|
| Appearance:                  | Light yellow to yellow (Solid)  |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 99.52%  |
| 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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