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Certificate of Analysis

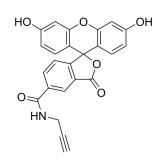
5-FAM-Alkyne

| Cat. No.: | HY-130913 |
|----------------|---|
| CAS No.: | 510758-19-7 |
| Batch No.: | 156259 |
| Chemical Name: | Spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-5-carboxamide, 3',6'-dihydroxy-3-oxo-N-2-propyn- |
| | 1-yl- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{24}H_{15}NO_6$ | | |
|--------------------|--------------------|-------|----------|
| Molecular Weight: | 413.38 | | |
| 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: | Yellow to brown (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| MS: | Consistent with structure |
| Purity (NMR): | ≥95.0% |
| 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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