

Certificate of Analysis

2,7-Dichlorodihydrofluorescein

Cat. No.: HY-153006

CAS No.: 106070-31-9

Batch No.: 264468

Chemical Name: Benzoic acid, 2-(2,7-dichloro-3,6-dihydroxy-9H-xanthen-9-yl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{12}Cl_2O_5$ Molecular Weight: 403.21

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: Pink to orange (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.14%

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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