Certificate of Analysis

Dihydrorhodamine 123

Cat. No.: HY-101894
CAS No.: 109244-58-8
Batch No.: 254601

Chemical Name: Benzoic acid, 2-(3,6-diamino-9H-xanthen-9-yl)-, methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{18}N_2O_3$ Molecular Weight: 346.38

Storage: -20°C, protect from light

 * The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:

$$H_2N$$
 O NH_2

ANALYTICAL DATA

Appearance: White to pink (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.83%

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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