

Certificate of Analysis

Product Name: Leuco Malachite Green NHS ester

Chemical Name: 4-[bis-(4-N,N-dimethyl-aniline)]-methyl-benzoic N-hydroxysuccinimide ester

Formula: C₂₈H₂₉N₃O₄

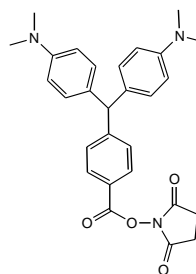
Molecular Weight: 471.55

Part No. : HPT1103

Lot No. : 060807

Purity : 95%+

Release Date : 16 Jun 07



Test

Description:

Description: Light green solid.

Result: PASS

Appearance

Appearance: Powder

Results: PASS

Purity

Specification: 95%

Results: PASS

Conjugation Property

Specification: Each solid lot is dissolved in DMF (1 mg/mL) and mixed and shaken with primary amino linked CPG (controlled pore glass and white color) for 5 minutes. Solution was filtered through sintered flask, dissolve 1 mg DDQ in 1 mL acetone, poured the DDQ solution into the flask with CPG, rinsed thoroughly with DMF, and solid support was coated with deep blue color.

Results: PASS

Approved by:

Quality Assurance Manager