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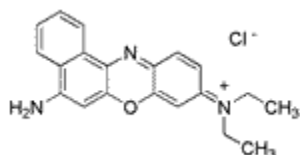
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 22869

Product

Nile Blue chloride

5-Amino-9-diethyliminobenzo[α]phenoxazonium chloride

Basic Blue 12

CAS Number 2381-85-3

Molecular Formula C₂₀H₂₀N₃OCl

Molecular Weight 353.85

Appearance Black to very dark green powder

Infrared Spectrum Conforms to structure

UV Ratios Absorption Ratio (A_{max -15 nm} / A_{max +15 nm}) = 1.02-1.16
Absorptivity (A1% / 1 cm at I max, in 50% E thanol) = 1600-1900
 λ_{max} 636-640 nm in 50% Ethanol

Loss on Drying \leq 2.5% (110°C/1 h)

Dye content \geq 90%

Storage Store at RT

Additional Information Suitable for microscopy = To pass the test

For Laboratory Use Only