

Proteins

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Certificate of Analysis

Procion Blue HB

Cat. No.: HY-D0965 12236-82-7 CAS No .: Batch No.: 25005

Chemical Name: 2-Anthracenesulfonic acid, 1-amino-4-[[4-[[4-chloro-6-[[3(or 4)-sulfophenyl]amino]-1,3,5-triazin-

2-yl]amino]-3-sulfophenyl]amino]-9,10-dihydro-9,10-dioxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{29}H_{20}CIN_7O_{11}S_3$

Molecular Weight: 774.16

4°C, protect from light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Light brown to black (Solid) Appearance: ¹H NMR Spectrum: 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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