

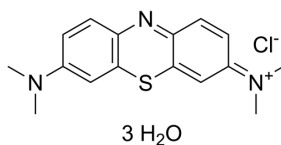
Methylene blue indicator

Cat. No.: HY-B1359A
 CAS No.: 7220-79-3
 Batch No.: 268023
 Chemical Name: Phenothiazin-5-ium, 3,7-bis(dimethylamino)-, chloride, hydrate (1:1:3)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{24}ClN_3O_3S$
 Molecular Weight: 373.90
 Storage: 4°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: Green to black (Solid)
 Assay: 99.1%
 Loss on drying: 12.0%
 Residue on ignition(as SO₄): 0.4%
 Quality absorption coefficient: 220 L/cm·g
 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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