

Product Name: Aniline Blue, sodium salt, pure, water soluble, high purity biological stain

Catalog Number: 229660250

CAS Number: 28983-56-4

IUPAC Name: diso
dium
2-[[4-({4-[(2-sulfonatophenyl)amino]phenyl}){4-[(2-sulfonatophenyl)imino]cyclohexa-2,5-dien-1-ylidene})methyl]phenyl]amino}benzene-1-sulfonate

Molecular Formula: C₃₇H₂₆N₃Na₂O₉S₃

Molecular Weight: 798.79

InChI Key: TUHAIJABPUJAEY-UHFFFAOYSA-K

SMILES: [Na+].[Na+].[O-]S(=O)(=O)C1=CC=CC=C1NC1=CC=C(C=C1)C(C1=CC=C(NC2=CC=C(C=C2S([O-])(=O)=O)C=C1)=C1C=CC(C=C1)=NC1=CC=CC=C1S([O-])(=O)=O

Synonym: methyl blue

Product Specification

Appearance (Color): Dark brown

Appearance (Form): Glistening crystalline powder or crystals

Infrared spectrum: Conforms

Water: =<10 %

UV Lambda max: 594 to 610 nm (in 0.005M HCl)

Absorption Ratio P-15/P+15: 0.96 to 1.09

Date Of Print: 12/09/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.