



Product Information Sheet

S7750
Sudan IV

Synonyms: Biebrich scarlet R fat soluble; Fat Ponceau R or 4; Lipid Crimson;
Oil Red IV; Scarlet Red Scharlach; Solvent Red 24; Sudan R or BB
CAS: 85-83-6
Formula: C₂₄H₂₀N₄O
Mol. Weight: 380.44

Properties

Form: Powder
Appearance: Dark Red
Application: Biological Stain, Histology
Solubility: Isopropanol, Chloroform
Storage Temp: Room Temperature
Typical Working Concentration: Varies with application, should be determined by end user.

Application Notes

As a biological stain, it is used primarily to stain lipids and fatty substances present in cells and tissues. The color imparted is a function of the solubility of the dye in the substance affected and does not involve chemical bonding. A saturated solution in isopropanol is prepared for use as a fat stain.