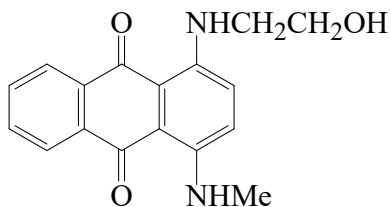




>>Entry Name: 1-[(2-Hydroxyethyl)amino]-4-(methylamino)anthraquinone

Synonym(s): 1-[(2-Hydroxyethyl)amino]-4-(methylamino)-9,10-anthracenedione, 9Cl. C.I. Disperse blue 3. C.I. 61505



CAS Registry Number: 2475-46-9

Related CAS Registry Numbers(s): 86722-66-9

Molecular Formula: C₁₇H₁₆N₂O₃

Molecular Weight: 296.325

Accurate Mass: 296.116093

Percentage Composition: C 68.91%; H 5.44%; N 9.45%; O 16.20%

Use/Importance: Disperse dye for for fabric printing

Physical Description: Blue needles (MeOH)

Melting Point: Mp 188-189°

Aldrich: 21565-1

Rare Chemicals Library: S32330-6

References:

Bansho, Y., *Kogyo Kagaku Zasshi*, 1952, **55**, 666; 1954, **57**, 510; *CA*, **48**, 6701d; **49**, 4994i, (*synth*)

U.S. Pat., 1955, 2 727 045; *CA*, **50**, 6059c, (*synth*)

Fokin, E.P. *et al.*, *Zh. Org. Khim.*, 1965, **1**, 2012; *J. Org. Chem. USSR (Engl. Transl.)*, 1965, **1**, 2052, (*synth*)

Colour Index, 3rd edn., 1971, **4**, 4539, (*rev*)