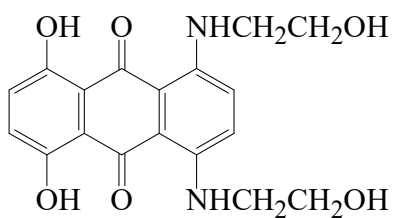




>>Entry Name: 1,4-Dihydroxy-5,8-bis[(2-hydroxyethyl)amino]anthraquinone

Synonym(s): C.I. Disperse Blue 7. C.I. 62500



CAS Registry Number: 3179-90-6

Molecular Formula: C₁₈H₁₈N₂O₆

Molecular Weight: 358.35

Accurate Mass: 358.116488

Percentage Composition: C 60.33%; H 5.06%; N 7.82%; O 26.79%

Use/Importance: Dyestuff. Shows antitumour props.

Physical Description: Dark blue needles (DMF aq.)

Melting Point: Mp 235°

References:

Allen, C.F.H. *et al.*, *J.O.C.*, 1941, **6**, 732-749; 1942, **7**, 169-172, (*uv, struct*)

Murdock, K.C. *et al.*, *J. Med. Chem.*, 1979, **22**, 1024-1030, (*synth*)

Peters, A.J. *et al.*, *Dyes Pigm.*, 1989, **10**, 141-157, (*uv*)

Blanz, J. *et al.*, *Magn. Reson. Chem.*, 1991, **29**, 1072-1074, (*cmr*)