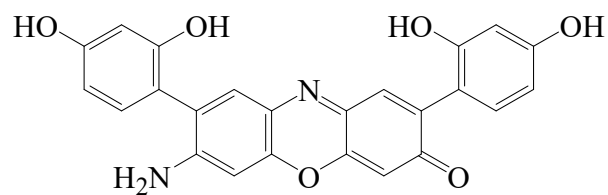




>>Entry Name: 7-Amino-2,8-bis(2,4-dihydroxyphenyl)-3H-phenoxazin-3-one, 9Cl

Synonym(s): Resorcein



CAS Registry Number: 33869-21-5

Molecular Formula: C₂₄H₁₆N₂O₆

Molecular Weight: 428.4

Accurate Mass: 428.100838

Percentage Composition: C 67.29%; H 3.76%; N 6.54%; O 22.41%

Biological Source: Constit. of tobacco leaves

Use/Importance: Used in hair preparations and as an elastin stain

Physical Description: Violet needles (C₆H₆/Me₂CO)

UV: [neutral] λ_{max} 587 () (MeOH)

Other Data: Dec. at 300°

Aldrich: 27472-0

References:

Musso, H. *et al.*, *Chem. Ber.*, 1963, **96**, 1579, (*synth, uv*)

Lillie, R.D. *et al.*, *Acta Histochem.*, Suppl., 1971, **No. 9**, 625, (*synth, use*)

Avunddzhyan, E.S. *et al.*, *CA*, 1974, **81**, 166553e, (*isol*)