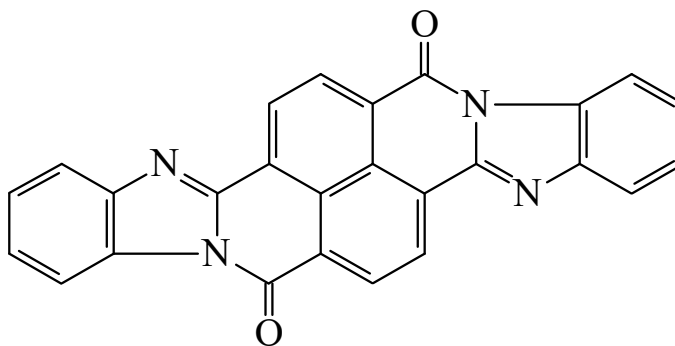




>>Entry Name: Bisbenzimidazo[2,1-*b*:2',1'-*i*]benzo[*lmn*][3,8]phenanthroline-8,17-dione, 9Cl

Synonym(s): *trans*-Perinone. Indanthrene Brilliant Orange GR. Perinone Orange. C.I. Pigment Orange 43. C.I. Vat Orange 7



CAS Registry Number: 4424-06-0

Molecular Formula: C<sub>26</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 412.406

Accurate Mass: 412.096026

Percentage Composition: C 75.72%; H 2.93%; N 13.59%; O 7.76%

Use/Importance: Vat dye

#### References:

Moran, J.J. *et al.*, *J.C.S.*, 1957, 765, (*uv*)

*U.K. Pat.*, 1963, 925 409; *CA*, **59**, 8982c, (*synth*)

*U.K. Pat.*, 1971, 1 237 838; *CA*, **75**, 141970b, (*synth*)

Rusanov, A.L. *et al.*, *Khim. Geterotsikl. Soedin.*, 1979, 968; *CA*, **92**, 6465, (*synth*)

Loutfy, R.O. *et al.*, *Dyes Pigm.*, 1991, **15**, 139, (*synth, props*)