Quino[2,3-b]acridine-7,14-dione, 5,12-dihydro-

Other names:
5,12-dihydroquino[2,3-b]acridine-7,14-dione
C.I. 46500
C.I. Pigment Violet 19
Cinquasia Red
Cinquasia Red B
Cinquasia Red Y
Cinquasia Red Y-RT 759D
Cinquasia Violet R
Cinquasia Violet R-RT 791D
Dark violet
Fastogen Super Red BN
Fastogen Super Red YE
Hostaperm Red E 3B
Hostaperm Red E 5B
Hostaperm Red Violet ER
Monastral Red
Monastral Red B
Monastral Red Y
Monastral Violet R
Monastrol Red Y
NSC 316165
PV Fast Red E 3B
PV Fast Red E 5B
Paliogen Red BG
Permanent Red E3B
Permanent Red E5B
Permanent magenta
Pigment Pink Quinacridone S
Pigment Quinacridone Red
Pigment Violet 19
Pigment Violet Quinacridone
Quinacridone
Quinacridone Red MC
Quinacridone Violet
Quinacridone Violet MC
Red E 3B
Sunfast Red 19
Sunfast Violet

Inchi: InChI=1S/C20H12N2O2/c23-19-11-5-1-3-7-15(11)21-17-10-14-18(9-13(17)19)22-16-8-4-

InchiKey: NRCMAYZCPIVABH-UHFFFAOYSA-N

Formula:	C20H12N2O2
SMILES:	O=c1c2ccccc2[nH]c2cc3c(=O)c4ccccc4[nH]c3cc12
Mol. weight [g/mol]:	312.32
CAS:	1047-16-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.97		Crippen Method
logp	2.712		Crippen Method
mcvol	222.760	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1047161&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Quinacridone Solubility in Hot-Compressed Water:	https://www.doi.org/10.1021/je060466i

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume