Bis-(4-(2,5-dioxo-2,5-dihydropyrrol-1-yl)-phenyl)-e

Other names: p,p'-Oxybis(phenyl-N-maleimide)
Inchi: InChI=1S/C20H12N2O5/c23-17-9-10-18(24)21(17)13-1-5-15(6-2-13)27-16-7-3-14(4-8-16
InchiKey: XOJRVZIYCCJCRD-UHFFFAOYSA-N
Formula: C20H12N2O5
SMILES: O=C1C=CC(=O)N1c1ccc(Oc2ccc(N3C(=O)C=CC3=O)cc2)cc1
Mol. weight [g/mol]: 360.32
CAS: 13132-94-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.19		Crippen Method
logp	2.338		Crippen Method
mcvol	246.930	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=C13132940&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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