Rhodanine, 5-(p-chlorobenzylidene)-3-(p-chlorobenzylidenear

Inchi: InChI=1S/C17H10Cl2N2OS2/c18-13-5-1-11(2-6-13)9-15-16(22)21(17(23)24-15)20-10-12

InchiKey: WDEDNBRHAZYXPU-SABIUBGXSA-N

Formula: C17H10Cl2N2OS2

SMILES: O=C1C(=Cc2ccc(Cl)cc2)SC(=S)N1N=Cc1ccc(Cl)cc1

Mol. weight [g/mol]: 393.31

CAS: 17521-25-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.76		Crippen Method
logp	5.229		Crippen Method
mcvol	257.820	ml/mol	McGowan Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C17521254&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume