8-methyl-1,2,4,7-tetrachlorodibenzofuran

Inchi: InChI=1S/C13H6Cl4O/c1-5-2-6-10(4-7(5)14)18-13-9(16)3-8(15)12(17)11(6)13/h2-4H,1H3
InchiKey: UDYXZXMKZCLBQE-UHFFFAOYSA-N
Formula: C13H6Cl4O
SMILES: Cc1cc2c(cc1Cl)oc1c(Cl)cc(Cl)c(Cl)c12
Mol. weight [g/mol]: 320.00

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.03		Crippen Method
logp	6.508		Crippen Method
mcvol	190.480	ml/mol	McGowan Method
rinpol	2385.00		NIST Webbook
rinpol	2385.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=R173436&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.