1,2,3,4,6,8-hexabromo-dibenzofuran

Inchi: InChI=1S/C12H2Br6O/c13-3-1-4-6-7(15)8(16)9(17)10(18)12(6)19-11(4)5(14)2-3/h1-2H
InchiKey: SEOUNIRJOYQFLN-UHFFFAOYSA-N
Formula: C12H2Br6O
SMILES: Brc1cc(Br)c2oc3c(Br)c(Br)c(Br)c(Br)c3c2c1
Mol. weight [g/mol]: 641.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.79		Crippen Method
logp	8.161		Crippen Method
mcvol	232.430	ml/mol	McGowan Method
rinpol	3431.00		NIST Webbook
rinpol	3431.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R170422&Units=SI
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

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.