1,2,4-tribromo-dibenzofuran

Inchi: InChI=1S/C12H5Br3O/c13-7-5-8(14)12-10(11(7)15)6-3-1-2-4-9(6)16-12/h1-5H
InchiKey: GTGYFPGJRSQROX-UHFFFAOYSA-N
Formula: C12H5Br3O
SMILES: Brc1cc(Br)c2oc3ccccc3c2c1Br
Mol. weight [g/mol]: 404.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.30		Crippen Method
logp	5.873		Crippen Method
mcvol	179.930	ml/mol	McGowan Method
rinpol	2418.00		NIST Webbook
rinpol	2418.00		NIST Webbook

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=R170813&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
rinpol: Non-polar retention indices

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