

1,3,6,8-tetrabromo-dibenzofuran

Inchi: InChI=1S/C12H4Br4O/c13-5-1-7-11-8(15)2-6(14)4-10(11)17-12(7)9(16)3-5/h1-4H
InchiKey: YWOWMNYICWCZAJ-UHFFFAOYSA-N
Formula: C12H4Br4O
SMILES: Brc1cc(Br)c2c(c1)oc1c(Br)cc(Br)cc12
Mol. weight [g/mol]: 483.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.47		Crippen Method
logp	6.636		Crippen Method
mcvol	197.430	ml/mol	McGowan Method
rinpol	2688.00		NIST Webbook
rinpol	2688.00		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=R171158&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

Latest version available from:

<https://www.chemeo.com/cid/93-918-0/1-3-6-8-tetrabromo-dibenzofuran.pdf>

Generated by Cheméo on 2025-12-05 17:33:04.672592456 +0000 UTC m=+4704182.202633109.

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