

Dibromophenylphosphine

Other names:	Phenylphosphine dibromide Phosponous dibromide, phenyl-
Inchi:	InChI=1S/C6H5Br2P/c7-9(8)6-4-2-1-3-5-6/h1-5H
InchiKey:	SDJKREQSNPYHJT-UHFFFAOYSA-N
Formula:	C6H5Br2P
SMILES:	BrP(Br)c1ccccc1
Mol. weight [g/mol]:	267.89
CAS:	1073-47-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.52		Crippen Method
logp	3.414		Crippen Method
mcvol	127.100	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1073478&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.cheméo.com/cid/81-015-5/Dibromophenylphosphine.pdf>

Generated by Cheméo on 2024-04-23 06:11:28.939458605 +0000 UTC m=+16141937.860035916.

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