

Bis-(4-methoxyphenyl)phenylphosphine

Inchi:	InChI=1S/C20H19O2P/c1-21-16-8-12-19(13-9-16)23(18-6-4-3-5-7-18)20-14-10-17(22-2)
InchiKey:	BJPHLVZNHDIUNY-UHFFFAOYSA-N
Formula:	C20H19O2P
SMILES:	COc1ccc(P(c2ccccc2)c2ccc(OC)cc2)cc1
Mol. weight [g/mol]:	322.34
CAS:	14180-51-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.92		Crippen Method
logp	3.462		Crippen Method
mcvol	253.580	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=C14180519&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.chemeo.com/cid/28-248-6/Bis-4-methoxyphenyl-phenylphosphine.pdf>

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