tris(2-methylpropyl)phosphine

Inchi: InChI=1S/C12H27P/c1-10(2)7-13(8-11(3)4)9-12(5)6/h10-12H,7-9H2,1-6H3
InchiKey: DAGQYUCAQQEEJD-UHFFFAOYSA-N
Formula: C12H27P
SMILES: CC(C)CP(CC(C)C)CC(C)C
Mol. weight [g/mol]: 202.32
CAS: 4125-25-1

Physical Properties

Property code	Value	Unit	Source
log10ws	0.02		Crippen Method
logp	4.436		Crippen Method
mcvol	200.400	ml/mol	McGowan Method

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=C4125251&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