Phosphorin, 2,4,6-tris(1,1-dimethylethyl)-

Inchi: InChI=1S/C17H29P/c1-15(2,3)12-10-13(16(4,5)6)18-14(11-12)17(7,8)9/h10-11H,1-9H3
InchiKey: GHJQOVICJOEYAD-UHFFFAOYSA-N
Formula: C17H29P
SMILES: CC(C)(C)c1cc(C(C)(C)C)pc(C(C)(C)C)c1
Mol. weight [g/mol]: 264.39
CAS: 17420-29-0

Physical Properties

Property code	Value	Unit	Source
ie	8.00	eV	NIST Webbook
log10ws	-2.41		Crippen Method
logp	6.159		Crippen Method
mcvol	247.090	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C17420290&Units=SI
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

Legend

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

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