

Phosphine, tris(2,4,6-trimethoxyphenyl)-

Inchi:	InChI=1S/C27H33O9P/c1-28-16-10-19(31-4)25(20(11-16)32-5)37(26-21(33-6)12-17(29-2
InchiKey:	JQKHNBQZGUKYPX-UHFFFAOYSA-N
Formula:	C27H33O9P
SMILES:	COc1cc(OC)c(P(c2c(OC)cc(OC)cc2OC)c2c(OC)cc(OC)cc2OC)c(OC)c1
Mol. weight [g/mol]:	532.52
CAS:	91608-15-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.76		Crippen Method
logp	3.522		Crippen Method
mcvol	393.300	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C91608150&Units=SI

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/20-744-3/Phosphine-tris-2-4-6-trimethoxyphenyl.pdf>

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