

pyridine, 4-methoxy-2,6-diphenyl-

Other names:	4-methoxy-2,6-diphenylpyridine
Inchi:	InChI=1S/C18H15NO/c1-20-16-12-17(14-8-4-2-5-9-14)19-18(13-16)15-10-6-3-7-11-15/h
InchiKey:	VYYLFYGLWUMDLX-UHFFFAOYSA-N
Formula:	C18H15NO
SMILES:	COc1cc(-c2ccccc2)nc(-c2ccccc2)c1
Mol. weight [g/mol]:	261.32
CAS:	19792-55-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.56		Crippen Method
logp	4.424		Crippen Method
mcvol	209.050	ml/mol	McGowan Method
tf	353.00 ± 3.00	K	NIST Webbook

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=C19792553&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tf:	Normal melting (fusion) point

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<https://www.chemeo.com/cid/42-157-1/pyridine-4-methoxy-2-6-diphenyl.pdf>

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