

Pyridine, 2-(diphenylmethyl)-

Other names:	Diphenyl-2-pyridylmethane 2-benzhydrylpyridine
Inchi:	InChI=1S/C18H15N/c1-3-9-15(10-4-1)18(16-11-5-2-6-12-16)17-13-7-8-14-19-17/h1-14,1
InchiKey:	MMXYNKLYVRNTCK-UHFFFAOYSA-N
Formula:	C18H15N
SMILES:	<chem>c1ccc(C(c2ccccc2)c2cccn2)cc1</chem>
Mol. weight [g/mol]:	245.32
CAS:	3678-70-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.02		Crippen Method
logp	4.262		Crippen Method
mvol	203.180	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=C3678704&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
mvol:	McGowan's characteristic volume

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