

4-(para-Chlorobenzyl)-pyridine

Other names:	4-(4-Chlorobenzyl)pyridine 4-(p-Chlorobenzyl)pyridine Pyridine, 4-[(4-chlorophenyl)methyl]- 4-(4'-chlorobenzyl)pyridine
Inchi:	InChI=1S/C12H10ClN/c13-12-3-1-10(2-4-12)9-11-5-7-14-8-6-11/h1-8H,9H2
InchiKey:	OHKBVLWPESSWKC-UHFFFAOYSA-N
Formula:	C12H10ClN
SMILES:	Clc1ccc(Cc2ccncc2)cc1
Mol. weight [g/mol]:	203.67
CAS:	4409-11-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.02		Crippen Method
logp	3.326		Crippen Method
mcvol	154.640	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4409114&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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