Pyridine, 4-(3-phenylpropyl)-

Other names:	1-(4-Pyridyl)-3-phenylpropane
	4-(3-Phenylpropyl)pyridine
	4-Phenylpropylpyridine
Inchi:	InChI=1S/C14H15N/c1-2-5-13(6-3-1)7-4-8-14-9-11-15-12-10-14/h1-3,5-6,9-12H,4,7-8H2
InchiKey:	AQIIVEISJBBUCR-UHFFFAOYSA-N
Formula:	C14H15N
SMILES:	c1ccc(CCCc2ccncc2)cc1
Mol. weight [g/mol]:	197.28
CAS:	2057-49-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.07		Crippen Method
logp	3.257		Crippen Method
mcvol	170.580	ml/mol	McGowan Method
rinpol	1730.60		NIST Webbook
rinpol	1725.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2057490&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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
rinpol:	Non-polar retention indices