Pyridine, 3-methyl-2-phenyl-

Other names:	3-Methyl-2-phenylpyridine
	3-Picoline, 2-phenyl-
	2-Phenyl-3-methyl-pyridine
Inchi:	InChI=1S/C12H11N/c1-10-6-5-9-13-12(10)11-7-3-2-4-8-11/h2-9H,1H3
InchiKey:	BJATUPPYBZHEIO-UHFFFAOYSA-N
Formula:	C12H11N
SMILES:	Cc1cccnc1-c1ccccc1
Mol. weight [g/mol]:	169.22
CAS:	10273-90-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.32		Crippen Method
logp	3.057		Crippen Method
mcvol	142.400	ml/mol	McGowan Method
rinpol	257.12		NIST Webbook
rinpol	1513.00		NIST Webbook
rinpol	1513.00		NIST Webbook
rinpol	257.12		NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	421.70	K	2.10	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10273902&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
tbrp:	Boiling point at reduced pressure