

Pyridine, 2-pentyl-

Other names:	2-Pentylpyridine 2-n-Amylpyridine 2-n-Pentylpyridine 2-Amylpyridine
Inchi:	InChI=1S/C10H15N/c1-2-3-4-7-10-8-5-6-9-11-10/h5-6,8-9H,2-4,7H2,1H3
InchiKey:	HSDXVAOHEOSTFZ-UHFFFAOYSA-N
Formula:	C10H15N
SMILES:	CCCCCc1cccn1
Mol. weight [g/mol]:	149.23
CAS:	2294-76-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.30		Crippen Method
logp	2.814		Crippen Method
mcvol	137.980	ml/mol	McGowan Method
rinpol	1202.00		NIST Webbook
rinpol	1177.00		NIST Webbook
rinpol	1174.80		NIST Webbook
rinpol	1202.00		NIST Webbook
rinpol	1203.00		NIST Webbook
rinpol	1172.00		NIST Webbook
rinpol	1167.00		NIST Webbook
rinpol	1174.00		NIST Webbook
rinpol	1181.00		NIST Webbook
rinpol	1205.00		NIST Webbook
rinpol	1187.00		NIST Webbook
rinpol	1201.00		NIST Webbook
rinpol	1192.00		NIST Webbook
rinpol	1203.00		NIST Webbook
rinpol	1205.00		NIST Webbook
rinpol	1175.00		NIST Webbook
rinpol	1177.00		NIST Webbook
rinpol	1173.00		NIST Webbook
rinpol	1173.00		NIST Webbook
rinpol	1187.00		NIST Webbook
ripol	1527.00		NIST Webbook

ripol	1583.00	NIST Webbook
ripol	1583.00	NIST Webbook
ripol	1584.00	NIST Webbook
ripol	1578.00	NIST Webbook
ripol	1578.00	NIST Webbook
ripol	1554.00	NIST Webbook
ripol	1573.00	NIST Webbook
ripol	1592.00	NIST Webbook
ripol	1527.00	NIST Webbook
ripol	1578.00	NIST Webbook
ripol	1572.00	NIST Webbook
ripol	1572.00	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.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=C2294760&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
ripol:	Non-polar retention indices
ripol:	Polar retention indices

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