

2-Pyridinemethanamine, N-phenyl-

Other names:	2-Anilinomethylpyridine Pyridine, 2-(anilinomethyl)- 2-Benzylaminopyridine «alpha»-Benzylaminopyridine N-phenylpyridine-2-methylamine
Inchi:	InChI=1S/C12H12N2/c1-2-6-11(7-3-1)14-10-12-8-4-5-9-13-12/h1-9,14H,10H2
InchiKey:	FTCFXBBBKDOQJA-UHFFFAOYSA-N
Formula:	C12H12N2
SMILES:	c1ccc(NCc2ccccn2)cc1
Mol. weight [g/mol]:	184.24
CAS:	4329-81-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.36		Crippen Method
logp	2.694		Crippen Method
mcpvol	152.380	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	396.70	K	0.08	NIST Webbook

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=C4329811&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure

Latest version available from:

<https://www.cheméo.com/cid/85-626-3/2-Pyridinemethanamine-N-phenyl.pdf>

Generated by Cheméo on 2024-04-23 11:51:40.556397831 +0000 UTC m=+16162349.476975146.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.