

Piperazine, 1,4-bis(2-methylpropenyl)

Other names:	1,4-bis(2-methylprop-1-enyl)piperazine
Inchi:	InChI=1S/C12H22N2/c1-11(2)9-13-5-7-14(8-6-13)10-12(3)4/h9-10H,5-8H2,1-4H3
InchiKey:	YNGSZDZAESJMEY-UHFFFAOYSA-N
Formula:	C12H22N2
SMILES:	CC(C)=CN1CCN(C=C(C)C)CC1
Mol. weight [g/mol]:	194.32
CAS:	19244-91-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.58		Crippen Method
logp	2.451		Crippen Method
mcvol	180.440	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C19244918&Units=SI

Legend

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

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