

Cyclohexanol, 2-tert-butyl-5-methyl-

Inchi:	InChI=1S/C11H22O/c1-8-5-6-9(10(12)7-8)11(2,3)4/h8-10,12H,5-7H2,1-4H3
InchiKey:	OLSGPMSPGKZAEI-UHFFFAOYSA-N
Formula:	C11H22O
SMILES:	CC1CCC(C(C)(C)C)C([O])C1
Mol. weight [g/mol]:	170.29
CAS:	3127-74-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.60		Crippen Method
logp	3.268		Crippen Method
mcvol	158.710	ml/mol	McGowan Method

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=C3127740&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/47-159-4/Cyclohexanol-2-tert-butyl-5-methyl.pdf>

Generated by Cheméo on 2025-12-05 17:06:04.899001469 +0000 UTC m=+4702562.429042150.

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