

# Tebuconazole

Other names:	«alpha»-(2-(4-Chlorophenyl)ethyl)-«alpha»-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, 1H-1,2,4-Triazole-1-ethanol, «alpha»-(2-(4-chlorophenyl)ethyl)-«alpha»-(1,1-dimethylethyl)-, (.+/-.)- BAY-HWG 1608 (.+/-.)-«alpha»-[2-(4-Chlorophenyl)ethyl]-«alpha»-(1,1-dimethylethyl)-1H-1,2,4-triazole-1- (RS)-1-(4-chlorophenyl)-4,4-dimethyl-3-(1H-1,2,4-triazol-1-ylmethyl)pentan-3-ol Corail Elite Ethyltrianol Fenetrazole Folicur Horizon Horizont HWG 1608 Lynx Raxil Terbuconazole Terbutrazole Tebuconazol (.+/-.)-Tebuconazole Etiltrianol Preventol A 8 1H-1,2,4-Triazole-1-ethanol, «alpha»-[2-(4-chlorophenyl)ethyl]-«alpha»-(1,1-dimethylethyl)-
Inchi:	InChI=1S/C16H22ClN3O/c1-15(2,3)16(21,10-20-12-18-11-19-20)9-8-13-4-6-14(17)7-5-13
InchiKey:	PXMNMQRDXWABCY-UHFFFAOYSA-N
Formula:	C16H22ClN3O
SMILES:	CC(C)(C)C(O)(CCc1ccc(Cl)cc1)Cn1cncn1
Mol. weight [g/mol]:	307.82
CAS:	107534-96-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.21		Crippen Method
logp	3.341		Crippen Method
mcvol	241.130	ml/mol	McGowan Method
rinpol	2421.00		NIST Webbook

rinpol	2421.00	NIST Webbook
rinpol	2397.00	NIST Webbook
rinpol	2398.00	NIST Webbook
rinpol	2397.00	NIST Webbook
rinpol	2421.00	NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C107534963&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C107534963&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/114-084-2/Tebuconazole.pdf>

Generated by Cheméo on 2024-04-29 12:44:51.032879004 +0000 UTC m=+16683939.953456319.

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