

# Chlormequat chloride

**Other names:** («beta»-Chloroethyl)trimethylammonium chloride  
Ethanaminium, 2-chloro-N,N,N-trimethyl-, chloride  
Ammonium, (2-chloroethyl)trimethyl-, chloride  
Antywylegacz  
Chlorcholine chloride  
Chlorocholine chloride  
Cycocel  
CCC  
Retacel  
Stabilan  
Trimethyl-«beta»-Chloroethylammonium chloride  
TUR  
60-CS-16  
(2-Chloroethyl)trimethylammonium chloride  
N-(2-Chloroethyl)-N,N,N-trimethylammonium chloride  
Ce ce ce  
Chlorcholinchlorid  
Chlormequat  
Cyclocel  
Cycogan  
Cycogan extra  
Cyocel  
CCC Plant growth regulant  
EI 38,555  
NCI-C02960  
Trimethyl-«beta»-chloroethylammoniumchlorid  
WR 62  
2-Chloro-N,N,N-trimethylethanaminium chloride  
ABM chlormequat 40, 72.5  
AC 38555  
Ashlade 4-60 CCC, 700 CCC  
Atlas chlormequat 46, 700  
CCC 700  
Choline chloride  
Choline dichloride  
Cleanacres PDR 675  
Clifton chlormequat 46  
Fargro chlormequat  
Farmacel  
Farmacel 645

Headland swift  
 Hyquat 70, 75  
 Mandops barleyquat b  
 Mandops bettaquat b  
 Mandops spring poquaternary  
 MSS chlormequat 40, 46, 60, 70  
 Portman chlormequat 400, 460, 600, 700  
 Power 64, 640, 700  
 Quadrangle chlormequat 700  
 Standup  
 Star chlormequat  
 Terpal CC, M  
 Titan  
 Tripart brevis  
 Tripart chlormequat 460  
 Ammonium chloride, 2-chloroethyltrimethyl-  
**Inchi:** InChI=1S/C5H13Cl2N/c1-8(2,3,7)5-4-6/h4-5H2,1-3H3  
**InchiKey:** OLQFELZRGYJRAZ-UHFFFAOYSA-N  
**Formula:** C5H13ClN.Cl  
**SMILES:** C[N+](C)(C)CCCl.[Cl-]  
**Mol. weight [g/mol]:** 158.07  
**CAS:** 999-81-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.79		Crippen Method
logp	-2.065		Crippen Method
mcpvol	126.630	ml/mol	McGowan Method

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C999815&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <https://link.springer.com/article/10.1007/BF02311772>

# 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

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