

# Symclosene

<b>Other names:</b>	Trichloroisocyanuric acid Trichlorocyanuric acid 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- Trichloro-1,3,5-triazinetrione s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- ACL 85 Fi Clor 91 Fichlor 91 Isocyanuric chloride Kyselina trichloisokyanurova N,N',N''-Trichloroisocyanuric acid Symclosen Trichlorinated isocyanuric acid Trichloro-s-triazine-2,4,6(1H,3H,5H)-trione Trichloroisocyanic acid 1,3,5-Trichloro-s-triazine-2,4,6(1H,3H,5H)-trione 1,3,5-Trichloro-s-triazinetrione 1,3,5-Trichloro-2,4,6-trioxohexahydro-s-triazine 1,3,5-Trichloroisocyanuric acid CBD 90 NA 2468 NSC-405124 UN 2468 Trichloro-s-triazinetrione 1,3,5-Trichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione 1,3,5-Trichloro-S-triazine-2,4,6-trione ACL 90 plus CDB 90 Chloreal Queschlor Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro- Trichloroiminocyanuric acid Neochlor 90
<b>Inchi:</b>	InChI=1S/C3Cl3N3O3/c4-7-1(10)8(5)3(12)9(6)2(7)11
<b>InchiKey:</b>	YRIZYWQGELRKNT-UHFFFAOYSA-N
<b>Formula:</b>	C3Cl3N3O3
<b>SMILES:</b>	O=c1n(Cl)c(=O)n(Cl)c(=O)n1Cl
<b>Mol. weight [g/mol]:</b>	232.41
<b>CAS:</b>	87-90-1

# Physical Properties

Property code	Value	Unit	Source
log10ws	-0.26		Crippen Method
logp	-0.823		Crippen Method
mcvol	113.640	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C87901&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C87901&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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

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