

(3-Chloropropyl)trimethoxysilane

Other names:	Silane, (3-chloropropyl)trimethoxy- «gamma»-Chloropropyltrimethoxysilane A 143 Silane (3-Chloropropyl)tris(methoxy)- Z 6076 3-Chloropropyltrimethoxysilane Trimethoxy-(3-chloropropyl) silane C 3300 Chloropropyltrimethoxysilane CPTMO Dow corning Z-6076 Dynasytan CPTMO Petrarch C3300 3-(Trimethoxysilyl)propyl chloride CPS-M KBM 703 NSC 83878 SH 6076 Sila-Ace S 620
Inchi:	InChI=1S/C6H15ClO3Si/c1-8-11(9-2,10-3)6-4-5-7/h4-6H2,1-3H3
InchiKey:	OXYZDRAJMHGSMW-UHFFFAOYSA-N
Formula:	C6H15ClO3Si
SMILES:	CO[Si](CCCC)(OC)OC
Mol. weight [g/mol]:	198.72
CAS:	2530-87-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.04		Crippen Method
logp	1.493		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C2530872&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
tbrp: Boiling point at reduced pressure

Latest version available from:

<https://www.chemeo.com/cid/103-062-8/3-Chloropropyl-trimethoxysilane.pdf>

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