

Silane, chloromethyl, ethoxy, methyl, 4-(dimethylamino)phenyl

Inchi:	InChI=1S/C12H20CINOSi/c1-5-15-16(4,10-13)12-8-6-11(7-9-12)14(2)3/h6-9H,5,10H2,1-4
InchiKey:	BYIGWYXDEOLFBH-UHFFFAOYSA-N
Formula:	C12H20CINOSi
SMILES:	CCO[Si](C)(CCl)c1ccc(N(C)C)cc1
Mol. weight [g/mol]:	257.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.38		Crippen Method
logp	2.349		Crippen Method
rinpol	1810.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R311643&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/56-430-2/Silane-chloromethyl-ethoxy-methyl-4-dimethylamino-phenyl.pdf>

Generated by Cheméo on 2024-05-02 00:04:43.428609655 +0000 UTC m=+16897532.349186967.

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