

Propanenitrile, 3-(triethoxysilyl)-

Other names:	Propionitrile, 3-(triethoxysilyl)- («beta»-Cyanoethyl)triethoxysilane (2-Cyanoethyl)triethoxysilane 3-(Triethoxysilyl)propionitrile Silane, (2-cyanoethyl)triethoxy- Triethoxy-2-kyanethylsilan Triethoxy 2-cyanoethyl silane 3-(triethoxysilyl)propionitrile
Inchi:	InChI=1S/C9H19NO3Si/c1-4-11-14(12-5-2,13-6-3)9-7-8-10/h4-7,9H2,1-3H3
InchiKey:	GBQYMXVQHATSCC-UHFFFAOYSA-N
Formula:	C9H19NO3Si
SMILES:	CCO[Si](CCC#N)(OCC)OCC
Mol. weight [g/mol]:	217.34
CAS:	919-31-3

Physical Properties

Property code	Value	Unit	Source
log10ws	0.07		Crippen Method
logp	1.948		Crippen Method
tb	497.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C919313&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

tb: Normal Boiling Point Temperature

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