

Trimethylsilyl cyanide

Other names:	Trimethyl silyl nitrile Silanecarbonitrile, trimethyl- trimethylsilylcarbonitrile Silane, trimethyl cyano
Inchi:	InChI=1S/C4H9NSi/c1-6(2,3)4-5/h1-3H3
InchiKey:	LEIMLDGFXIOXMT-UHFFFAOYSA-N
Formula:	C4H9NSi
SMILES:	C[Si](C)(C)C#N
Mol. weight [g/mol]:	99.21
CAS:	7677-24-9

Physical Properties

Property code	Value	Unit	Source
log10ws	1.08		Crippen Method
logp	1.387		Crippen Method
rinpol	775.00		NIST Webbook
rinpol	775.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7677249&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.chemeo.com/cid/72-900-2/Trimethylsilyl-cyanide.pdf>

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