

Ethanamine, N,N-dimethyl-2-[(trimethylsilyl)oxy]-

Other names: Ethylamine, N,N-dimethyl-2-(trimethylsiloxy)-
(2-Dimethylaminoethoxy)trimethylsilane
Silane, (2-dimethylaminoethoxy)trimethyl-

Inchi: InChI=1S/C7H19NOSi/c1-8(2)6-7-9-10(3,4)5/h6-7H2,1-5H3

InchiKey: HSFUOEGYCLVWCE-UHFFFAOYSA-N

Formula: C7H19NOSi

SMILES: CN(C)CCO[Si](C)(C)C

Mol. weight [g/mol]: 161.32

CAS: 16654-64-1

Physical Properties

Property code	Value	Unit	Source
ie	8.31	eV	NIST Webbook
log10ws	1.54		Crippen Method
logp	1.399		Crippen Method
rinpol	905.23		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=C16654641&Units=SI>

Legend

ie: Ionization energy

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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