

1-Propanamine, 3-(trimethoxysilyl)-

Other names:	(3-Aminopropyl)trimethoxysilane «gamma»-Aminopropyltrimethoxysilane KBE 903 N-(Trimethoxysilylpropyl)amine Propylamine, 3-(trimethoxysilyl)- Silane SC 3900 SC 3900 3-(Trimethoxysilyl)-1-propanamine 3-(Trimethoxysilyl)propylamine Aminopropyltrimethoxysilane Dynasytan AMMO Trimethoxyaminopropylsilane Union Carbide A-1110 NSC 83845
Inchi:	InChI=1S/C6H17NO3Si/c1-8-11(9-2,10-3)6-4-5-7/h4-7H2,1-3H3
InchiKey:	SJECZPVISLOESU-UHFFFAOYSA-N
Formula:	C6H17NO3Si
SMILES:	CO[Si](CCCN)(OC)OC
Mol. weight [g/mol]:	179.29
CAS:	13822-56-5

Physical Properties

Property code	Value	Unit	Source
log10ws	1.75		Crippen Method
logp	0.213		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	353.00	K	1.00	NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C13822565&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/54-856-2/1-Propanamine-3-trimethoxysilyl.pdf>

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