

1-Propanamine, 3-(triethoxysilyl)-

Other names:	Propylamine, 3-(triethoxysilyl)- («gamma»-Aminopropyl)triethoxysilane (3-Aminopropyl)triethoxysilane A 1100 A 1112 AGM 9 Silane 1100 Triethoxy(3-Aminopropyl)silane UC-A 1100 3-(Triethoxysilyl)-1-Propanamine 3-(Triethoxysilyl)propylamine APTES NUCA 1100 Silane, («gamma»-aminopropyl)triethoxy- Silane, (3-aminopropyl)triethoxy- Silicone A-1100 AMEO Aminopropyltriethoxysilane C 50752 Dynasylan AMEO Dynasylan AMEO-P Prosil 220 Triethoxyaminopropylsilane Union Carbide A-1100 NSC 95428
Inchi:	InChI=1S/C9H23NO3Si/c1-4-11-14(12-5-2,13-6-3)9-7-8-10/h4-10H2,1-3H3
InchiKey:	WYTZZXDRDKSJID-UHFFFAOYSA-N
Formula:	C9H23NO3Si
SMILES:	CCO[Si](CCCN)(OCC)OCC
Mol. weight [g/mol]:	221.37
CAS:	919-30-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.50		Crippen Method
logp	1.384		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	395.50 ± 0.50	K	4.10	NIST Webbook
tbrp	380.00	K	1.60	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=C919302&Units=SI>

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature
tbrp:	Boiling point at reduced pressure

Latest version available from:

<https://www.chemeo.com/cid/30-805-4/1-Propanamine-3-triethoxysilyl.pdf>

Generated by Cheméo on 2025-12-05 09:09:40.553411818 +0000 UTC m=+4673978.083452483.

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