

N-(2-Aminoethyl)-3-aminopropyltrimethoxysilane

Other names:	3-(2-Aminoethylamino)propyltrimethoxysilane N-«beta»-(Aminoethyl)-«gamma»-aminopropyl trimethoxy silane N-(2-Aminoethyl)-«gamma»-aminopropyltrimethoxysilane 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- Ethylenediamine, N-(3-(trimethoxysilyl)propyl)- Silane, (3-(2-aminoethyl)aminopropyl)trimethoxy- Silicone A-1120 N-(3-Trimethoxysilylpropyl)-ethylenediamine Aminoethylaminopropyltrimethoxy silane DAMO-P Dow Corning Z-6020 Dynasylan DAMO Dynasylan DAMO-P Dynasylan DAMO-T N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine Petrarch A0700 Prosil 3128 Union carbide A-1120 Silane, trimethoxy-[3[N-(2-aminoethyl)]aminopropyl]- 1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- A 0700 AAS-M AP 132 en-APTAS GF 91 KBM 603 NUCA 1120 SH 6020 Z 6020
Inchi:	InChI=1S/C8H22N2O3Si/c1-11-14(12-2,13-3)8-4-6-10-7-5-9/h10H,4-9H2,1-3H3
InchiKey:	PHQOGHDTIVQXHL-UHFFFAOYSA-N
Formula:	C8H22N2O3Si
SMILES:	CO[Si](CCCNCCN)(OC)OC
Mol. weight [g/mol]:	222.36
CAS:	1760-24-3

Physical Properties

Property code	Value	Unit	Source
log10ws	1.73		Crippen Method
logp	-0.197		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	419.00	K	2.00	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1760243&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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