

3-VANIL-1,2-BIS(TRIMETHYLSILOXY)PROPANE

Other names:	1,2-Propanediol, 3-(4-hydroxy-3-methoxyphenyl), tris-TMS
Inchi:	InChI=1S/C19H38O4Si3/c1-20-19-14-16(11-12-18(19)23-26(8,9)10)13-17(22-25(5,6)7)1
InchiKey:	BCALDHQTYOWJEV-UHFFFAOYSA-N
Formula:	C19H38O4Si3
SMILES:	COc1cc(CC(CO[Si](C)(C)C)O[Si](C)(C)C)ccc1O[Si](C)(C)C
Mol. weight [g/mol]:	414.77

Physical Properties

Property code	Value	Unit	Source
ie	8.29	eV	Cheméo Relay (1.0)
logp	5.523		Crippen Method
rinpol	1981.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U79085&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/12-170-9/3-VANIL-1-2-BIS-TRIMETHYLSILOXY-PROPANE.pdf>

Generated by Cheméo on 2026-07-21 22:58:34.370142941 +0000 UTC m=+185810.212028386.

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