Silane, dimethyl-2-propenyl[(6a,7,8,10a-tetrahydro-6,6,9-t (6aR-trans)-

Other names: Propyl-«delta»(1)-tetrahydrocannabinol allyldimethylsilyl ether
Propyl-1-tetrahydrocannabinol, allyl-DMS

Inchi: InChI=1S/C24H36O2Si/c1-8-10-18-15-21-23(22(16-18)26-27(6,7)13-9-2)19-14-17(3)11-1

InchiKey: IZGUZSAKLUTVPB-PMACEKPBSA-N

Formula: C24H36O2Si

SMILES: C=CC[Si](C)(C)Oc1cc(CCC)cc2c1C1C=C(C)CCC1C(C)(C)O2

Mol. weight [g/mol]: 384.63

CAS: 66250-89-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.72		Crippen Method
logp	7.020		Crippen Method
rinpol	2332.00		NIST Webbook
rinpol	2332.00		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=C66250893&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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