

Silane, dimethyl-2-propenyl[(6,6,9-trimethyl-3-propyl-6H-dibenzo-b-d-pyran-1-yl)oxy]dimethylsilyl ether

Other names:	Propyl-cannabinol allyldimethylsilyl ether Propylcannabinol, allyl-DMS
Inchi:	InChI=1S/C24H32O2Si/c1-8-10-18-15-21-23(22(16-18)26-27(6,7)13-9-2)19-14-17(3)11-12
InchiKey:	JAKJDFRBELZZIX-UHFFFAOYSA-N
Formula:	C24H32O2Si
SMILES:	C=CC[Si](C)(C)Oc1cc(CCC)cc2c1-c1cc(C)ccc1C(C)(C)O2
Mol. weight [g/mol]:	380.60
CAS:	66250-93-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.46		Crippen Method
logp	7.012		Crippen Method
rinpol	2410.00		NIST Webbook
rinpol	2410.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C66250939&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/95-523-6/Silane-dimethyl-2-propenyl-6-6-9-trimethyl-3-propyl-6H-dibenzo-b-d-pyran-1-yl>

Generated by Cheméo on 2024-05-01 00:34:19.115806188 +0000 UTC m=+16812908.036383503.

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