

Silane, [(3-heptyl-6a,7,8,10a-tetrahydro-6,6,9-trimethyl-6H- (6aR-trans)-

Other names:	Heptyl-«delta»(1)-tetrahydrocannabinol allyldimethylsilyl ether Heptyl-1-tetrahydrocannabinol, allyl-DMS
Inchi:	InChI=1S/C28H44O2Si/c1-8-10-11-12-13-14-22-19-25-27(26(20-22)30-31(6,7)17-9-2)23
InchiKey:	AAVBSMFDWCNRQH-ZEQRLZLVSA-N
Formula:	C28H44O2Si
SMILES:	C=CC[Si](C)(C)Oc1cc(CCCCCC)cc2c1C1C=C(C)CCC1C(C)(C)O2
Mol. weight [g/mol]:	440.73
CAS:	66250-91-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.40		Crippen Method
logp	8.580		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C66250917&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/98-195-8/Silane-3-heptyl-6a-7-8-10a-tetrahydro-6-6-9-trimethyl-6H-dibenzo-b-d-pyran-1>

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