

Silane, [(6a,7,8,9,10,10a-hexahydro-6,6-dimethyl-9-methyl-9H-tetrahydrocannabinol allyldimethylsilyl ether) (6aR-trans)-

Other names: «delta»1(7)-Tetrahydrocannabinol allyldimethylsilyl ether
1(7)-Tetrahydrocannabinol, allyl-DMS

Inchi: InChI=1S/C26H40O2Si/c1-8-10-11-12-20-17-23-25(24(18-20)28-29(6,7)15-9-2)21-16-19

InchiKey: XPGBKZIUUIQZDH-VXKWHMMOSA-N

Formula: C26H40O2Si

SMILES: C=CC[Si](C)(C)Oc1cc(CCCCC)cc2c1C1CC(=C)CCC1C(C)(C)O2

Mol. weight [g/mol]: 412.68

CAS: 66250-87-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.56		Crippen Method
logp	7.800		Crippen Method
rinpola	2503.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C66250871&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

rinpola: Non-polar retention indices

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