

Cannabidiol di-tms derivative

Other names:	Cannabidiol, TMS
Inchi:	InChI=1S/C27H46O2Si2/c1-11-12-13-14-22-18-25(28-30(5,6)7)27(26(19-22)29-31(8,9)10)32
InchiKey:	FWZOFSHJDAIJQE-UHFFFAOYSA-N
Formula:	C27H46O2Si2
SMILES:	<chem>C=C(C)C1CCC(C)=CC1c1c(O[Si](C)(C)C)cc(CCCCC)cc1O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	458.82
CAS:	64846-15-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.02		Crippen Method
logp	8.863		Crippen Method
rinsol	2270.00		NIST Webbook
rinpol	2270.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C64846157&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/115-228-1/Cannabidiol-di-tms-derivative.pdf>

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