

trans-Cinnamic acid, 4-hydroxy, 2TMS

Inchi: InChI=1S/C15H24O3Si2/c1-19(2,3)17-14-10-7-13(8-11-14)9-12-15(16)18-20(4,5)6/h7-12
InchiKey: RKLSIGFDXPECDB-FMIVXFBMSA-N
Formula: C15H24O3Si2
SMILES: C[Si](C)(C)OC(=O)C=Cc1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]: 308.52

Physical Properties

Property code	Value	Unit	Source
log10ws	0.11		Crippen Method
logp	4.292		Crippen Method
rinsol	1952.00		NIST Webbook
rinsol	1952.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R577234&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/15-251-6/trans-Cinnamic-acid-4-hydroxy-2TMS.pdf>

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