

(E)-3,5-Dimethoxy-4-hydroxycinnamic acid, TBDMS

Inchi: InChI=1S/C20H34O5Si2/c1-20(2,3)27(9,10)24-18(21)12-11-15-13-16(22-4)19(17(14-15))
InchiKey: LRLRWULLGWHKNZ-VAWYXSNFSA-N
Formula: C20H34O5Si2
SMILES: COc1cc(C=CC(=O)O[Si](C)(C)C(C)(C)C)cc(OC)c1O[Si](C)(C)C
Mol. weight [g/mol]: 410.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.39		Crippen Method
logp	5.479		Crippen Method
rinpol	2760.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R564213&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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.chemeo.com/cid/31-254-5/E-3-5-Dimethoxy-4-hydroxycinnamic-acid-TBDMS.pdf>

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