

trans-2,3-Dimethoxycinnamic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C20H24O4Si/c1-22-18-12-8-11-17(20(18)23-2)13-14-19(21)24-25(3,4)15-16-9
InchiKey: OPJQHQBXAQEMKA-BUHFOSPRSA-N
Formula: C20H24O4Si
SMILES: COc1cccc(C=CC(=O)O[Si](C)(C)Cc2ccccc2)c1OC
Mol. weight [g/mol]: 356.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Crippen Method
logp	4.247		Crippen Method
rinpol	2601.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375747&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/97-862-8/trans-2-3-Dimethoxycinnamic-acid-benzyldimethylsilyl-ester.pdf>

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