

3,5-Dimethoxycinnamic acid, benzyl dimethylsilyl ester

Inchi: InChI=1S/C20H24O4Si/c1-22-18-12-17(13-19(14-18)23-2)10-11-20(21)24-25(3,4)15-16-
InchiKey: ZNWPKZGDADAJOS-ZHACJKMWSA-N
Formula: C20H24O4Si
SMILES: COc1cc(C=CC(=O)O[Si](C)(C)Cc2ccccc2)cc(OC)c1
Mol. weight [g/mol]: 356.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Crippen Method
logp	4.247		Crippen Method
rinpol	2723.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375748&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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