

Pinostrobin chalcone, TMS

Inchi: InChI=1S/C22H30O4Si2/c1-24-18-15-20(25-27(2,3)4)22(21(16-18)26-28(5,6)7)19(23)14-
InchiKey: JKHPDZCMLVNMJV-BUHFOSPRSA-N
Formula: C22H30O4Si2
SMILES: COc1cc(O[Si](C)(C)C)c(C(=O)C=Cc2ccccc2)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]: 414.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.32		Crippen Method
logp	6.019		Crippen Method
rinpol	2500.00		NIST Webbook
rinpol	2500.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R403113&Units=SI>

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/124-377-6/Pinostrobin-chalcone-TMS.pdf>

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