

1,7-Di(2-bromo-4-fluorophenyl)-2,2,4,4,6,6-hexamethyl-1,3,5,7-tetraoxa-2,4,6-trisilolane

Inchi: InChI=1S/C18H24Br2F2O4Si3/c1-27(2,23-17-9-7-13(21)11-15(17)19)25-29(5,6)26-28(3,7)
InchiKey: MVTBWKDGWJEBHM-UHFFFAOYSA-N
Formula: C18H24Br2F2O4Si3
SMILES: C[Si](C)(Oc1ccc(F)cc1Br)O[Si](C)(C)O[Si](C)(C)Oc1ccc(F)cc1Br
Mol. weight [g/mol]: 586.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	7.086		Crippen Method
rinpol	2350.00		NIST Webbook
rinpol	2350.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347040&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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