

4-Trimethylsilyloxybenzoic acid, 4-(trifluoroacetyl)phenyl ester

Inchi: InChI=1S/C19H17F3O6Si/c1-29(2,3)28-15-10-6-12(7-11-15)16(23)26-14-8-4-13(5-9-14)
InchiKey: WEANREZAJNOIIN-UHFFFAOYSA-N
Formula: C₁₉H₁₇F₃O₆Si
SMILES: C[Si](C)(C)Oc1ccc(C(=O)Oc2ccc(C(=O)OC(=O)C(F)(F)F)cc2)cc1
Mol. weight [g/mol]: 426.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.67		Crippen Method
logp	4.365		Crippen Method
rinpol	2393.00		NIST Webbook
rinpol	2393.00		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=U375020&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/119-104-4/4-Trimethylsilyloxybenzoic-acid-4-trifluoroacetyl\)phenyl-ester.pdf](https://www.chemeo.com/cid/119-104-4/4-Trimethylsilyloxybenzoic-acid-4-trifluoroacetyl)phenyl-ester.pdf)

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