Benzoic acid, 5-methoxy-2-[(trimethylsilyl)oxy]-, trimethylsilyl ester

Other names: 5-Methoxysalicylic acid, di-TMS
Inchi: InChI=1S/C14H24O4Si2/c1-16-11-8-9-13(17-19(2,3)4)12(10-11)14(15)18-20(5,6)7/h8-10
InchiKey: GUHTUWJDGSTVMZ-UHFFFAOYSA-N
Formula: C14H24O4Si2
SMILES: COc1ccc(O[Si](C)(C)C)c(C(=O)O[Si](C)(C)C)c1
Mol. weight [g/mol]: 312.51
CAS: 55517-47-0

Physical Properties

Property code	Value	Unit	Source
hf	-893.75	kJ/mol	Cheméo Relay (1.0)
logp	3.901		Crippen Method
rinpol	1864.00		NIST Webbook
rinpol	1864.00		NIST Webbook
rinpol	1864.00		NIST Webbook
tb	581.70	K	Cheméo Relay (1.0)
tf	303.93	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C55517470&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):

Legend

hf: Enthalpy of formation at standard conditions
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

tb: Normal Boiling Point Temperature

tf: Normal melting (fusion) point

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