2-FLUOROPHENOL, TERTBUTYLDIMETHYLSILYL(ESTER)

Other names: 2-Fluorophenol, TBDMS
2-Fluorophenol, bis-TBDMS
2-Fluorophenol, t-butyldimethylsilyl ether
2-Fluorophenol, tbdms derivative
Silane, (1,1-dimethylethyl)(2-fluorophenoxy)dimethyl-
tert-Butyl(2-fluorophenoxy)dimethylsilane

Inchi: InChI=1S/C12H19FOSi/c1-12(2,3)15(4,5)14-11-9-7-6-8-10(11)13/h6-9H,1-5H3

InchiKey: XYCONJXQTVOVQQ-UHFFFAOYSA-N

Formula: C12H19FOSi

SMILES: CC(C)(C)[Si](C)(C)Oc1ccccc1F

Mol. weight [g/mol]: 226.37

Physical Properties

Property code	Value	Unit	Source
hvap	53.61	kJ/mol	Cheméo Relay (1.0)
logp	4.210		Crippen Method
tb	480.44	K	Cheméo Relay (1.0)
tf	296.76	K	Cheméo Relay (1.0)

Sources

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):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C103438897&Units=SI

Legend

hvap: Enthalpy of vaporization at standard conditions

logp: Octanol/Water partition coefficient

tb: Normal Boiling Point Temperature

tf: Normal melting (fusion) point