TRANS-4-TRIMETHYLSILOXY-CYCLOHEXYL(TRI

Other names: 4-Hydroxycyclohexanecarboxylic acid, di-TMS
Inchi: InChI=1S/C13H28O3Si2/c1-17(2,3)15-12-9-7-11(8-10-12)13(14)16-18(4,5)6/h11-12H,7-1
InchiKey: GKOJEADQXLHCDU-HAQNSBGRSA-N
Formula: C13H28O3Si2
SMILES: C[Si](C)(C)OC(=O)[C@H]1CC[C@H](O[Si](C)(C)C)CC1
Mol. weight [g/mol]: 288.54

Physical Properties

Property code	Value	Unit	Source
hf	-897.65	kJ/mol	Cheméo Relay (1.0)
hvap	64.71	kJ/mol	Cheméo Relay (1.0)
logp	3.775		Crippen Method
rinpol	1511.00		NIST Webbook
rinpol	1511.00		NIST Webbook
rinpol	1522.00		NIST Webbook
tb	538.86	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U79299&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):
Cheméo Relay (1.0, beta):

Legend

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

tb: Normal Boiling Point Temperature