

TRANS-4-TRIMETHYLSILOXY-CYCLOHEXYL(TRIMETHYLSILOXYMETHYL)CYCLOHEXYL

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,7-13H
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

Latest version available from:

<https://www.cheméo.com/cid/118-496-1/TRANS-4-TRIMETHYLSILOXY-CYCLOHEXYL-TRIMETHYLSILYL-CARBO>

Generated by Cheméo on 2026-07-22 02:49:48.097673789 +0000 UTC m=+199683.939559193.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.