

17.alpha.-Ethinylestradiol, bis(trimethylsilyl) ether

Other names:	17«alpha»-Ethinyl-3,17-bis[(trimethylsilyl)oxy]estra-1,3,5(10)-triene, (17«beta»)-17«alpha»-Ethinylestradiol, bis(trimethylsilyl) ether Ethinylestradiol, bis-TMS Ethinylestradiol, TMS Ethinyl estradiol, 2tms derivative
Inchi:	InChI=1S/C26H40O2Si2/c1-9-26(28-30(6,7)8)17-15-24-23-12-10-19-18-20(27-29(3,4)5)1
InchiKey:	JERDCJZDIHZFGT-PUHDZGQXSA-N
Formula:	C26H40O2Si2
SMILES:	C#C[C@@]1(O[Si](C)(C)C)CC[C@H]2[C@@H]3CCc4cc(O[Si](C)(C)C)ccc4[C@H]3CC[
Mol. weight [g/mol]:	440.78

Physical Properties

Property code	Value	Unit	Source
ie	8.13	eV	Cheméo Relay (1.0)
log10ws	-6.47		Cheméo Relay (1.0)
logp	6.980		Crippen Method
tf	407.85	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?Str2File=C28426359>

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

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

tf: Normal melting (fusion) point

Latest version available from:

<https://www.cheméo.com/cid/115-290-2/17-alpha-Ethynylestradiol-bis-trimethylsilyl-ether.pdf>

Generated by Cheméo on 2026-07-21 15:22:04.08667993 +0000 UTC m=+158419.928565349.

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