

Silane, [[3«beta»,5«alpha»,7«beta»,17«beta»)-androstane

Other names:

Silane,
[[3«beta»,5«alpha»,7«beta»,17«beta»)-androstane-3,7,17-triyl]tris(oxy)]tris*trimethyl-
5«alpha»-Androstane-3«beta»,7«beta»,17«beta»-triol, TMS

Inchi: InChI=1S/C28H56O3Si3/c1-27-16-14-21(29-32(3,4)5)18-20(27)19-24(30-33(6,7)8)26-22

InchiKey: VSOUDFMRNUFQHP-PEJDVEOOSA-N

Formula: C28H56O3Si3

SMILES: CC12CCC(O[Si](C)(C)C)CC1CC(O[Si](C)(C)C)C1C2CCC2(C)C(O[Si](C)(C)C)CCC12

Mol. weight [g/mol]: 525.00

CAS: 61233-47-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.42		Crippen Method
logp	8.299		Crippen Method
rinpol	2836.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C61233474&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/76-660-5/Silane-3-beta-5-alpha-7-beta-17-beta-androstane-3-7-17-triyl-tris-oxy-tris-trimethyl-5-alpha-androstane-3-beta-7-beta-17-beta-triol-TMS>

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