

Androst-4-ene-3.alpha.,17.beta.-diol , per-TMS

Inchi: InChI=1S/C25H46O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-
InchiKey: APMJYCGLEHJTKS-XGCVLGMNSA-N
Formula: C25H46O2Si2
SMILES: C[C@]12CC[C@@H](O[Si](C)(C)C)C=C1CCC1C2CC[C@@]2(C)C1CC[C@@H]2O[Si](C)(C)C
Mol. weight [g/mol]: 434.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.42		Cheméo Relay (1.0)
logp	7.389		Crippen Method
tf	385.24	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?Str2File=R384582>

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

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
tf: Normal melting (fusion) point

Latest version available from:

<https://www.chemeo.com/cid/122-958-3/Androst-4-ene-3-alpha-17-beta-diol-per-TMS.pdf>

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