

1-Dehydrotestosterone, methyloxime, trimethylsilyl ether

Other names:

Boldenone, MO-TMS

Dehydrotestosterone MO TMS

Inchi:

InChI=1S/C23H37NO2Si/c1-22-13-11-17(24-25-3)15-16(22)7-8-18-19-9-10-21(26-27(4,5

InchiKey:

JINQONQOMNFERO-UHFFFAOYSA-N

Formula:

C23H37NO2Si

SMILES:

CON=C1C=CC2(C)C(=C1)CCC1C2CCC2(C)C(O[Si](C)(C)C)CCC12

Mol. weight [g/mol]:

387.63

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|----------------|
| log10ws | -4.02 | | Crippen Method |
| logp | 5.948 | | Crippen Method |

Sources

Crippen Method:

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

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=U292757&Units=SI>

Crippen Method:

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/33-827-7/1-Dehydrotestosterone-methyloxime-trimethylsilyl-ether.pdf>

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