

2-O-methyl-8,12-epoxygermacra-1(10),4,7,11-tetraene, isomer II

Inchi: InChI=1S/C16H22O2/c1-11-5-6-15-13(3)10-18-16(15)9-12(2)8-14(7-11)17-4/h5,8,10,14H
InchiKey: NWLNPDFDTSFGEU-SSQAHJBYSAN
Formula: C16H22O2
SMILES: COC1C=C(C)Cc2occ(C)c2CC=C(C)C1
Mol. weight [g/mol]: 246.34

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -9.02 | | Crippen Method |
| logp | 3.984 | | Crippen Method |
| mcvol | 209.120 | ml/mol | McGowan Method |
| rinpol | 1691.00 | | NIST Webbook |
| rinpol | 1691.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R337269&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

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