

# 2-[ethoxy-(3-methylbutoxy)methyl]furan

**Inchi:** InChI=1S/C12H20O3/c1-11(2)5-7-13-8-9-14-10-12-4-3-6-15-12/h3-4,6,11H,5,7-10H2,1-2  
**InchiKey:** FHVUGUWXWBSVJL-UHFFFAOYSA-N  
**Formula:** C12H20O3  
**SMILES:** CC(C)CCOCCOCc1ccco1  
**Mol. weight [g/mol]:** 212.29

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -6.95   |        | Crippen Method |
| logp          | 2.859   |        | Crippen Method |
| mcvol         | 178.090 | ml/mol | McGowan Method |
| ripol         | 1656.00 |        | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R339849&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**ripol:** Polar retention indices

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