# Furosemide-methelute

**Other names:** Furosemide Me, #1
**Inchi:** InChI=1S/C15H17ClN2O5S/c1-18(2)24(20,21)14-7-11(15(19)22-3)13(8-12(14)16)17-9-1
**InchiKey:** FHRXDNPIDVWGNR-UHFFFAOYSA-N
**Formula:** C15H17ClN2O5S
**SMILES:** COC(=O)c1cc(S(=O)(=O)N(C)C)c(Cl)cc1NCc1ccco1
**Mol. weight [g/mol]:** 372.82

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -7.92 | | Crippen Method |
| logp | 2.582 | | Crippen Method |
| mcvol | 252.590 | ml/mol | McGowan Method |
| rinpol | 2805.00 | | NIST Webbook |
| rinpol | 2805.00 | | NIST Webbook |

## Sources

**Crippen Method:** 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=U121237&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

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