# 6-Chloro-N,N'-(1,1-dimethylbutyl)-[1,3,5]triazine-2,

**Inchi:** InChI=1S/C15H28ClN5/c1-7-9-14(3,4)20-12-17-11(16)18-13(19-12)21-15(5,6)10-8-2/h7-
**InchiKey:** ZBYDEMSHEGHUSN-UHFFFAOYSA-N
**Formula:** C15H28ClN5
**SMILES:** CCCC(C)(C)Nc1nc(Cl)nc(NC(C)(C)CCC)n1
**Mol. weight [g/mol]:** 313.87

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.88 | | Crippen Method |
| logp | 4.506 | | Crippen Method |
| mcvol | 260.590 | ml/mol | McGowan Method |
| rinpol | 2111.91 | | NIST Webbook |
| rinpol | 2125.36 | | NIST Webbook |
| rinpol | 2111.91 | | NIST Webbook |
| rinpol | 2145.20 | | NIST Webbook |
| rinpol | 2111.91 | | NIST Webbook |
| rinpol | 2125.36 | | NIST Webbook |
| rinpol | 2131.74 | | NIST Webbook |
| rinpol | 2143.00 | | NIST Webbook |
| rinpol | 2125.36 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R288598&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume
**rinpol:** Non-polar retention indices