# 6-Chloro-N-sec-butyl-N'-heptafluorobutryl-1,3,5-tr

**Other names:** N-sec-Butyl-N'-butryl-6-chloro-1,3,5-triazine-2,4-diamine
**Inchi:** InChI=1S/C11H11ClF7N5O/c1-3-4(2)20-7-22-6(12)23-8(24-7)21-5(25)9(13,14)10(15,16)
**InchiKey:** MMNUBPSZBLIDOK-UHFFFAOYSA-N
**Formula:** C11H11ClF7N5O
**SMILES:** CCC(C)Nc1nc(Cl)nc(NC(=O)C(F)(F)C(F)(F)C(F)(F)F)n1
**Mol. weight [g/mol]:** 397.68

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.16 | | Crippen Method |
| logp | 3.507 | | Crippen Method |
| mcvol | 218.190 | ml/mol | McGowan Method |
| rinpol | 1684.00 | | NIST Webbook |
| rinpol | 1684.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U372981&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.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