# Secbumeton

| | |
|---|---|
| **Other names:** | 1,3,5-Triazine-2,4-diamine, N-ethyl-6-methoxy-N'-(1-methylpropyl)- |
| | s-Triazine, 2-(sec-butylamino)-4-(ethylamino)-6-methoxy- |
| | Etazin |
| | Etazine |
| | Ezitan |
| | Geigy G.S. 14254 |
| | GS 14254 |
| | Sumitol |
| | Sumitol 80W |
| | sec-Bumetone |
| | 1,3,5-Triazine-2,4-diamine, N2-ethyl-6-methoxy-N4-(1-methylpropyl)- |
| **Inchi:** | InChI=1S/C10H19N5O/c1-5-7(3)12-9-13-8(11-6-2)14-10(15-9)16-4/h7H,5-6H2,1-4H3,(H2 |
| **InchiKey:** | ZJMZZNVGNSWOOM-UHFFFAOYSA-N |
| **Formula:** | C10H19N5O |
| **SMILES:** | CCNc1nc(NC(C)CC)nc(OC)n1 |
| **Mol. weight [g/mol]:** | 225.29 |
| **CAS:** | 26259-45-0 |

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.69 | | Crippen Method |
| logp | 1.522 | | Crippen Method |
| mcvol | 183.770 | ml/mol | McGowan Method |
| rinpol | 1777.00 | | NIST Webbook |
| rinpol | 1828.00 | | NIST Webbook |
| rinpol | 1777.00 | | NIST Webbook |
| ripol | 2676.00 | | NIST Webbook |
| ripol | 2676.00 | | NIST Webbook |
| ripol | 2676.00 | | NIST Webbook |
| ripol | 2676.00 | | NIST Webbook |
| ripol | 2708.00 | | 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=C26259450&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 |
| **ripol:** | Polar retention indices |