

L-Leucine, N-glycyl-

| | |
|-----------------------------|---|
| Other names: | 2-[(2-aminoacetyl)amino]-4-methylpentanoic acid Glycinyll-leucine Glycyl-L-leucine Glycylleucine Leucine, N-glycyl-, L- N-Glycyl-L-leucine |
| Inchi: | InChI=1S/C8H16N2O3/c1-5(2)3-6(8(12)13)10-7(11)4-9/h5-6H,3-4,9H2,1-2H3,(H,10,11)(H,12,13) |
| InchiKey: | DKEXFJVMVGETOO-ZCFIWIBFSA-N |
| Formula: | C8H16N2O3 |
| SMILES: | CC(C)CC(NC(=O)CN)C(=O)O |
| Mol. weight [g/mol]: | 188.22 |
| CAS: | 869-19-2 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|----------------------|--------------------------------------|
| gf | -227.22 | kJ/mol | Joback Method |
| hf | -509.14 | kJ/mol | Joback Method |
| hfus | 27.01 | kJ/mol | Joback Method |
| hvap | 79.87 | kJ/mol | Joback Method |
| log10ws | -0.43 | | Aqueous Solubility Prediction Method |
| logp | -0.439 | | Crippen Method |
| mcvol | 152.550 | ml/mol | McGowan Method |
| pc | 3534.66 | kPa | Joback Method |
| tb | 704.18 | K | Joback Method |
| tc | 897.64 | K | Joback Method |
| tf | 446.52 | K | Joback Method |
| vc | 0.567 | m ³ /kmol | Joback Method |

Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---------------|--------|---------|-----------------|---------------|
| cpg | 429.76 | J/mol×K | 704.18 | Joback Method |
| cpg | 439.99 | J/mol×K | 736.42 | Joback Method |

| | |
|------------|----------------------------------|
| pc: | Critical Pressure |
| tb: | Normal Boiling Point Temperature |
| tc: | Critical Temperature |
| tf: | Normal melting (fusion) point |
| vc: | Critical Volume |

Latest version available from:

<https://www.chemeo.com/cid/53-990-4/L-Leucine-N-glycyl.pdf>

Generated by Cheméo on 2024-04-20 13:54:37.991162709 +0000 UTC m=+15910526.911740021.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.