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## Typical Product Specifications & Properties

# N-(o-Tolyl)acetamide

CAS Number: : 120-66-1

| Specifications               | Limits                                                      |
|------------------------------|-------------------------------------------------------------|
| Molecular weight             | 149.19                                                      |
| EINECS                       | 204-414-4                                                   |
| SMILES                       | <chem>c1(c(ccc1)C)NC(=O)C</chem>                            |
| InChI                        | 1S/C9H11NO/c1-7-5-3-4-6-9(7)10-8(2)11/h3-6H,1-2H3,(H,10,11) |
| InChIKey                     | BPEXTIMJLDWDTL-UHFFFAOYSA-N                                 |
| Henry's Law Constant         | 6.81E-09 atm-m3/mole                                        |
| Boiling Point                | 296 &deg; C                                                 |
| log P (octanol-water)        | 0.85                                                        |
| Atmospheric OH Rate Constant | 1.55E-11 cm3/molecule-sec                                   |
| Melting Point                | 110 &deg; C                                                 |
| Water solubility             | 1.44E+04 mg/L                                               |
| Vapor Pressure               | 1.83E-04 mm Hg                                              |



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| Specifications | Limits                                                           |
|----------------|------------------------------------------------------------------|
| Melting Point  | 109-112 &deg;C                                                   |
| Solubility     | It is slightly soluble in acetone, chloroform, toluene, benzene. |
| Boiling Point  | 296 &deg;C                                                       |
| Merck          | 14,74                                                            |
| BRN Number     | 2207054                                                          |
| Flash Point    | 296&deg;C                                                        |
| Density        | 1.16                                                             |



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