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## Typical Product Specifications & Properties

# P-TOLUIC HYDRAZIDE

CAS Number: : 3619-22-5

| Specifications               | Limits                                                         |
|------------------------------|----------------------------------------------------------------|
| Molecular weight             | 150.18                                                         |
| SMILES                       | <chem>c1cc(C)ccc1C(=O)NN</chem>                                |
| InChI                        | 1S/C8H10N2O/c1-6-2-4-7(5-3-6)8(11)10-9/h2-5H,9H2,1H3,(H,10,11) |
| InChIKey                     | MFFVZXOPRXMVET-UHFFFAOYSA-N                                    |
| Vapor Pressure               | 2.95E-05 mm Hg                                                 |
| Water solubility             | 1.84E+04 mg/L                                                  |
| Henry's Law Constant         | 1.02E-11 atm-m3/mole                                           |
| log P (octanol-water)        | 0.72                                                           |
| Atmospheric OH Rate Constant | 1.03E-11 cm3/molecule-sec                                      |
| Melting Point                | 116-118 &deg; C                                                |



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