

Typical Product Specifications & Properties

3-(5-Nitro-2-Furyl)Acrolein

CAS Number: : 1874-22-2

| Specifications | Limits |
|------------------------------|------------------------------------------------------|
| Molecular weight | 167.12 |
| EINECS | 217-499-8 |
| SMILES | <chem>c1(oc(\C=C\C=O)cc1)[N+](=[O-])=O</chem> |
| InChI | DXWCZMGIIFEPU-OWOJBTEDSA-N |
| InChIKey | 1S/C7H5NO4/c9-5-1-2-6-3-4-7(12-6)8(10)11/h1-5H/b2-1+ |
| Water solubility | 3910 mg/L |
| Vapor Pressure | 2.00E-03 mm Hg |
| Henry's Law Constant | 6.31E-09 atm-m ³ /mole |
| Melting Point | 117-120 °C |
| Atmospheric OH Rate Constant | 4.08E-11 cm ³ /molecule-sec |
| log P (octanol-water) | 0.96 |
| Melting Point | 117°C |