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## Typical Product Specifications & Properties

# Uridine-5'-Triphosphate

CAS Number: : 63-39-8

| Specifications               | Limits                                                                                                                                                                                  |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight             | 484.14                                                                                                                                                                                  |
| EINECS                       | 243-347-5                                                                                                                                                                               |
| SMILES                       | <chem>n1([C@@H]2O[C@H](CO[P@@](O[P@@](OP(O)(O)=O)(O)=O)(O)=O)[C@H]([C@H]2O)O)c([nH]c(=O)cc1)=O</chem>                                                                                   |
| InChI                        | PGAVKCOVUIYSFO-XVFCMESISA-N                                                                                                                                                             |
| InChIKey                     | 1S/C9H15N2O15P3/c12-5-1-2-11(9(15)10-5)8-7(14)6(13)4(24-8)3-23-28(19,20)26-29(21,22)25-27(16,17)18/h1-2,4,6-8,13-14H,3H2,(H,19,20)(H,21,22)(H,10,12,15)(H2,16,17,18)/t4-,6-,7-,8-/m1/s1 |
| Flash Point                  | 113 &deg;C                                                                                                                                                                              |
| Storage Temperature          | -20&deg;C                                                                                                                                                                               |
| Atmospheric OH Rate Constant | 9.60E-11 cm <sup>3</sup> /molecule-sec                                                                                                                                                  |
| log P (octanol-water)        | -4.090                                                                                                                                                                                  |
| Storage Temperature          | -20&deg;C                                                                                                                                                                               |



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