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## Typical Product Specifications & Properties

# Ursolic Acid

CAS Number: : 77-52-1

| Specifications               | Limits                                                                                                                                                                                                         |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight             | 456.70                                                                                                                                                                                                         |
| EINECS                       | 201-034-0                                                                                                                                                                                                      |
| SMILES                       | <chem>C1[C@@]2([C@@H]3[C@@](CC[C@H]2C(C)([C@H](C1)O)C)([C@@]1(C(=CC3)[C@H]2[C@@](CC1)(CC[C@H]([C@@H]2C)C)C(O)=O)C)C</chem>                                                                                     |
| InChI                        | WCGUUGGRBIKTOS-GPOJBZKASA-N                                                                                                                                                                                    |
| InChIKey                     | 1S/C30H48O3/c1-18-10-15-30(25(32)33)17-16-28(6)20(24(30)19(18)2)8-9-22-27(5)13-12-23(31)26(3,4)21(27)11-14-29(22,28)7/h8,18-19,21-24,31H,9-17H2,1-7H3,(H,32,33)/t18-,19+,21+,22-,23+,24+,27+,28-,29-,30+/m1/s1 |
| Atmospheric OH Rate Constant | 1.27E-10 cm <sup>3</sup> /molecule-sec                                                                                                                                                                         |
| log P (octanol-water)        | 7.920                                                                                                                                                                                                          |
| Melting Point                | 284 &deg; C                                                                                                                                                                                                    |
| Color                        | White to off-white                                                                                                                                                                                             |
| Alpha                        | 59 ° (c=0.3, pyridine)                                                                                                                                                                                         |
| Storage Temperature          | 2-8&deg;C                                                                                                                                                                                                      |





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| Specifications   | Limits            |
|------------------|-------------------|
| Melting Point    | 292 &deg;C (dec.) |
| Merck            | 9890              |
| Water solubility | insoluble         |



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415 Huguenot Street, New Rochelle, New York 10801

Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.