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Typical Product Specifications & Properties

Raffinose

CAS Number: : 512-69-6

| Specifications | Limits |
|------------------------------|--|
| Molecular weight | 504.44 |
| EINECS | 208-146-9 |
| SMILES | <chem>OC[C@H]1O[C@H](OC[C@H]2O[C@H](O[C@]3(CO)O[C@H](CO)[C@@H](O)[C@@H]3O)[C@H](O)[C@@H](O)[C@@H]2O)[C@H](O)[C@@H](O)[C@H]1O</chem> |
| InChI | MUPFEKGTMRGPLJ-Z QSKZ DJDSA-N |
| InChIKey | 1S/C18H32O16/c19-1-5-8(22)11(25)13(27)16(31-5)30-3-7-9(23)12(26)14(28)17(32-7)34-18(4-21)15(29)10(24)6(2-20)33-18/h5-17,19-29H,1-4H2/t5-,6-,7-,8+,9-,10-,11+,12+,13-,14-,15+,16+,17-,18+/m1/s1 |
| Henry's Law Constant | 4.10E-30 atm-m ³ /mole |
| log P (octanol-water) | -6.760 |
| Atmospheric OH Rate Constant | 1.80E-10 cm ³ /molecule-sec |
| Vapor Pressure | 2.00E-25 mm Hg |
| Water solubility | 2.03E+05 mg/L |
| Melting Point | 80 ° C |
| Melting Point | 813 |





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914-654-6800

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| Specifications | Limits |
|----------------|--|
| Density | 1.81 |
| Stability | Stable. Incompatible with strong oxidizing agents. Combustible. |



GET A QUICK QUOTE

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.