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Typical Product Specifications & Properties

Dimethyl-D-Tartrate

CAS Number: : 5057-96-5

| Specifications | Limits |
|------------------------------|---|
| Molecular weight | 178.14 |
| EINECS | 236-118-6 |
| SMILES | <chem>C([C@H]([C@@H](C(OC)=O)O)O)(OC)=O</chem> |
| InChI | 1S/C6H10O6/c1-11-5(9)3(7)4(8)6(10)12-2/h3-4,7-8H,1-2H3/t3-,4+ |
| InChIKey | PVRATXCXJDHJJN-ZXZARUISSA-N |
| Melting Point | 58 dec ° C |
| Vapor Pressure | 1.38E-03 mm Hg |
| log P (octanol-water) | -1.070 |
| Water solubility | 4.57E+05 mg/L |
| Henry's Law Constant | 1.35E-05 atm-m ³ /mole |
| Atmospheric OH Rate Constant | 5.89E-12 cm ³ /molecule-sec |
| Boiling Point | 158 °C/0.2 mm Hg |



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| Specifications | Limits |
|----------------|-----------------|
| Flash Point | >230 °F |
| Melting Point | 57-60 °C (dec.) |



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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.