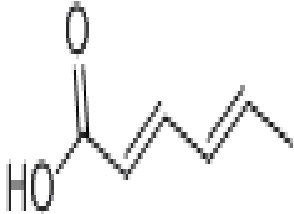


(2E,4E)-HEXA-2,4-DIENOIC ACID

| Item | Value |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT NAME | (2E,4E)-hexa-2,4-dienoic acid |
| PRODUCT IMAGE |  |
| CAS NUMBER | 110-44-1 |
| WEIGHT | 112.13 |
| FORMULA | C ₆ H ₈ O ₂ |
| PROPERTIES | <p> Melting point: : 132-135°C(lit.) Boiling point: : 228 ° C Density : 1,205 g/cm³ vapor pressure : 0.01 mm Hg (20 °C) FEMA : 3921 2,4-HEXADIENOIC ACID, (E,E)- refractive index : 1.4600 (estimate) Flash point: : 127 °C storage temp. : 2-8°C solubility : ethanol: 0.1g/mL, clear form : Crystalline Powder pka : 4.76(at 25 °C) color : White or cream-white PH : 3.3 (1.6g/l, H₂O, 20 ° C) Water Solubility : 1.6 g/L (20 °C) Merck : 14,8721 BRN : 1741831 Stability: : Stability Material saturated with this acid may ignite spontaneously. Incompatible with strong oxidizing agents. May be light sensitive. InChIKey : WSWCOQWTEOXDQX-MQQKCMAXSA-N CAS DataBase Reference : 110-44-1(CAS DataBase Reference) NIST Chemistry Reference : 2,4-Hexadienoic acid, (E,E)-(110-44-1) EPA Substance Registry System : 2,4-Hexadienoic acid, (2E,4E)-(110-44-1) </p> |

| Item | Value |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SAFETY | Hazard Codes:Xi Risk Statements:36/37/38-36/38 Safety Statements:26-36-24/25 WGK Germany:1 RTECS:WG2100000 F:8 Autoignition Temperature:>130 ° C TSCA:Yes HS Code:29161930 Hazardous Substances Data:110-44-1 (Hazardous Substances Data) Toxicity:LD50 orally in rats: 7.36 g/kg (Smyth, Carpenter) |