# Certificate of Analysis



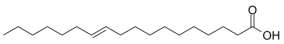
## trans-Vaccenic acid

| | |
|---|---|
| **Cat. No.:** | HY-113427 |
| **CAS No.:** | 693-72-1 |
| **Batch No.:** | 65362 |
| **Chemical Name:** | 11-Octadecenoic acid, (11E)- |

### PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Molecular Formula:** | $C_{18}H_{34}O_2$ |
| **Molecular Weight:** | 282.46 |
| **Storage:** | 4°C, sealed storage, away from moisture and light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |

**Chemical Structure:**




### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | White to off-white (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **MS:** | Consistent with structure |
| **Purity (NMR):** | ≥98.0% |
| **Conclusion:** | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA