**Product ID** T713

**CAS No.** 22255-22-7

**Chemical Name**

**Synonym** Trimethoxy resveratrol, trans-3,5,4'-trimethoxy stilbene

**Formula** \( C_{17}H_{18}O_3 \)

**Formula Wt.** 270.32

**Melting Point**

**Purity** ≥98%

**Solubility** Soluble in DMSO (40mg/ml), 100% ethanol (15mg/ml) or dimethyl formamide.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Trimethoxy resveratrol is a resveratrol prodrug designed to improve bioavailability of the parent compound; it appears to display antioxidative and anti-inflammatory properties like resveratrol. Trimethoxy resveratrol displays stronger anticancer chemotherapeutic and chemopreventive activities than resveratrol. In an in vitro model of prostate cancer, this compound induced apoptosis and expanded the SG2/M phase in p53 null cells. In animal models with prostate cancer xenografts, trimethoxy resveratrol decreased tumor volume and growth.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.