

Product Information

Product ID T503720

CAS No. 24144-92-1

Chemical Name (E)-1-(3,5-Dimethoxystyryl)-2,4-dimethoxybenzene

Synonym 2,3',4,5'-Tetramethoxystilbene; 2,4,3',5'-tetramethoxystilbene;
3,5,2',4'-tetramethoxy-trans-stilbene; AC1NS4S6;
Oxyresveratrol tetramethyl ether

Formula C₁₈H₂₀O₄

Formula Wt. 300.35

Melting Point

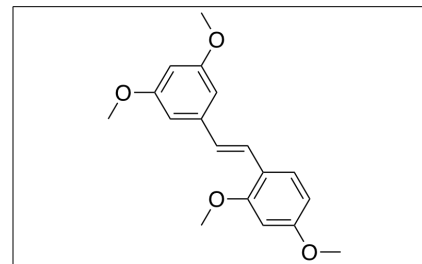
Purity ≥98%

Solubility

Store Temp Ambient

Ship Temp Ambient

Description TMS is a selective inhibitor of cytochrome P450 1B1 (CYP1B1), an enzyme which metabolizes endogenous and exogenous xenobiotics. It is 50-fold selective over CYP1A1 and more than 500-fold selective over CYP1A2.



Bulk quantities available upon request

Product ID	Size
T503720	5 mg
T503720	25 mg
T503720	100 mg

References Kim S., Hyojin K., et al. Design, Synthesis, and Discovery of Novel trans-Stilbene Analogues as Potent and Selective Human Cytochrome P450 1B1 Inhibitors. *J Med Chem.* 45(1):160-164 (2001). PMID: 11754588.

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