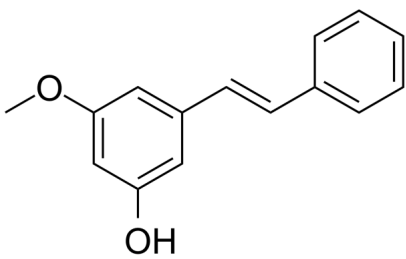


Certificate of Analysis

Catalog Number	BP16886
Product Name	Pinosylvin monomethyl ether

Physical and Chemical Properties

Synonyms	(E)-3-Hydroxy-5-methoxystilbene
CAS No.	35302-70-6
Chemical Formula	C ₁₅ H ₁₄ O ₂
Molecular Weight	226.3
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure shows a central trans-stilbene core. The left phenyl ring is substituted with a methoxy group (-OCH₃) at the 5-position and a hydroxyl group (-OH) at the 3-position. The right phenyl ring is unsubstituted.</p>

Product Information

Description	(E)-3-Hydroxy-5-methoxystilbene possesses inhibitory activity against several Gram-positive bacteria, including isolates of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA), <i>Mycobacterium bovis</i> BCG, and avirulent <i>Bacillus anthracis</i> (Sterne strain), among others.
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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