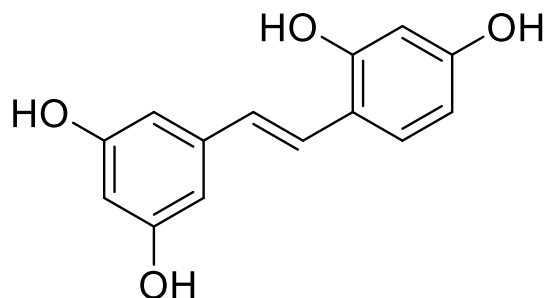


Oxyresveratrol

Code No.: **BIA-O3076**

Pack sizes: **1 mg, 5 mg**



Synonyms : trans-Oxyresveratrol

Specifications

CAS #	: 29700-22-9
Molecular Formula	: C ₁₄ H ₁₂ O ₄
Molecular Weight	: 244.2
Source	: Third party
Appearance	: Off-white to tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol and DMSO.

Application Notes

Oxyresveratrol is a polyphenolic compound found in many plant families, including from the heartwood of *Artocarpus lakoocha*. Structurally, oxyresveratrol is a stilbene with four phenolic hydroxyl groups. Oxyresveratrol demonstrates antiinflammatory, antioxidant, antitumor and neuroprotective effects. Notably, oxyresveratrol also inhibits tyrosinase, responsible for the formation of melanin pigments and is responsible for the anthelmintic activity of the traditional Thai medicine Puag-Haad.

References

1. Likhitwitayawuid K. (2021). Oxyresveratrol: Sources, productions, biological activities, pharmacokinetics, and delivery systems. *Molecules*, 26, 4212.
2. Maneechai S. et al. (2009). Quantitative analysis of oxyresveratrol content in *Artocarpus lakoocha* and 'Puag-Haad'. *Med. Princ. Pract.*, 18, 223.

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