Certificate of Analysis

Xanthohumol D

Cat. No.: HY-N1066 CAS No.: 274675-25-1 Batch No.: 118369

Chemical Name: $\hbox{2-Propen-1-one, 1-[2,4-dihydroxy-3-(2-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-methyl-3-buten-1-yl)-6-methoxyphenyl]-3-(4-hydroxy-3-hydroxy$

ydroxyphenyl)-, (2E)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{22}O_6$ **Molecular Weight:** 370.40

4°C, protect from light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to green yellow (Solid)

Purity (HPLC): 99.21%

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.

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