

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-218562 Lot Number: SAMPLE

Product Name: Galic Acid 3,4-Diphenylmethylene Ketal Benzyl Ester

CAS Number:

 $\begin{array}{ll} \mbox{Molecular Formula:} & \mbox{C_{27}H}_{20}\mbox{O_5} \\ \mbox{Molecular Weight:} & \mbox{424.44} \\ \mbox{Native Source:} & \mbox{Synthetic} \end{array}$

| Test | Specification | Result |
|------------------------------------|---------------------------|------------------------|
| Appearance | | Yellow solid |
| Identification (¹H-NMR) | Consistent with structure | Complies |
| Identification (Mass Spectrometry) | Consistent with structure | Complies |
| Purity (TLC) | | 98% |
| Atmosphere | | Air |
| Melting Point | | 130 - 134 °C |
| Solubility | | DMSO and Ethyl Acetate |

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