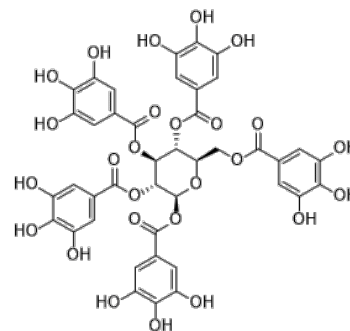


Product Name : Pentagalloylglucose
Cat. No. : PC-25724
CAS No. : 14937-32-7
Molecular Formula : C₄₁H₃₂O₂₆
Molecular Weight : 940.68
Target : GSK-3
Solubility : 10 mM in DMSO



Biological Activity

Pentagalloylglucose is an orally active gallic tannin compound, induces cell apoptosis and autophagy through the GSK3 β / β -catenin pathway, inhibits UBE2T-mediated p53 ubiquitination, upregulates p53, downregulates RRM1/RRM2 in pancreatic cancer organoids, also is a specific TRMT61A inhibitor.

References

Zhang X, et al. Cancer Commun (Lond). 2025 Oct 16.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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