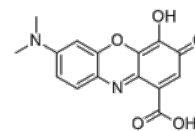


Product Name : Dickkopf inhibitor III C3
Cat. No. : PC-62022
CAS No. : 524-26-5
Molecular Formula : C₁₅H₁₂N₂O₅
Molecular Weight : 300.27
Target : Dickkopf-1 (Dkk-1)
Solubility : 10 mM in DMSO



Biological Activity

NCI8642 (Gallocyanine, Dickkopf inhibitor III C3) is a small-molecule inhibitor of Wnt antagonist **Dickkopf** with EC₅₀ of 5 μM for reversing **DKK1** CM-mediated Wnt inhibition.

NCI8642 (Gallocyanine, Dickkopf inhibitor III C3) inhibits the binding of DKK1-alkaline phosphatase (AP) to HEK293 cells expressing the wild-type LRP5 or LRP5 mutant with IC₅₀ of 3 μM.

NCI8642 (Gallocyanine, Dickkopf inhibitor III C3) reduces basal blood-glucose concentrations and improves glucose tolerance in mice.

References

Li X, et al. *Proc Natl Acad Sci U S A*. 2012 Jul 10;109(28):11402-7.

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

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