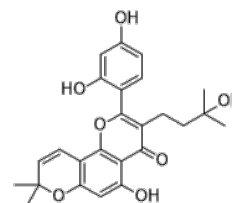


Product Name : Morusinol
Cat. No. : PC-25459
CAS No. : 62949-93-3
Molecular Formula : C₂₅H₂₆O₇
Molecular Weight : 438.48
Target : Checkpoint Kinase (Chk)
Solubility : 10 mM in DMSO



CAS: 62949-93-3

Biological Activity

Morusinol is a flavonoid isolated from Morus alba root bark, has antiplatelet activity and significantly inhibits arterial thrombosis in vivo, induces cell cycle arrest and apoptosis via inhibition of DNA damage response in melanoma by CHK1 degradation through the ubiquitin-proteasome pathway.

References

- Lee JJ, et al. J Atheroscler Thromb. 2012;19(6):516-22.
Guo L, et al. Phytomedicine. 2023 Jun;114:154765.

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

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