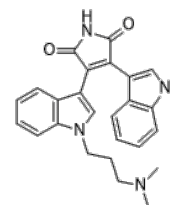


Product Name : GF109203X
Cat. No. : PC-23426
CAS No. : 133052-90-1
Molecular Formula : C₂₅H₂₄N₄O₂
Molecular Weight : 412.49
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

GF109203X (Bisindolylmaleimide I, GF 109203X) is a potent, cell-permeable and reversible PKC inhibitor with IC₅₀ of 20 nM, 17 nM, 16 nM, and 20 nM for PKC α , PKC β I, PKC β II, and PKC γ respectively.

GF109203X abrogates anti-CD3 antibody-induced upregulation of CD4⁺ T cell adhesion to B cells.

GF 109203X efficiently prevented PKC-mediated phosphorylations of an Mr = 47,000 protein in platelets and of an Mr = 80,000 protein in Swiss 3T3 cells.

GF 109203X inhibited collagen- and alpha-thrombin-induced platelet aggregation as well as collagen-triggered ATP secretion.

References

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

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