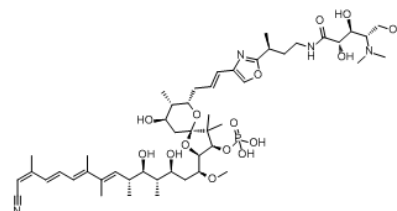


Product Name : Calyculin A
Cat. No. : PC-45587
CAS No. : 101932-71-2
Molecular Formula : C₅₀H₈₁N₄O₁₅P
Molecular Weight : 1009.17
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Calyculin A is a more potent phosphatase inhibitor than Okadaic acid; Calyculin A and Okadaic acid both inhibit catalytic subunit of type-2A phosphatase (IC₅₀ =0.5-1 nM); for protein phosphatase type-1, calyculin A is more effective.

References

Ishihara H, et al. Biochem Biophys Res Commun. 1989 Mar 31;159(3):871-7.

Resjö S, et al. Biochem J. 1999 Aug 1;341 (Pt 3):839-45.

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

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