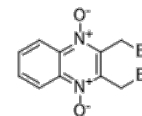


Product Name : Conoidin A
Cat. No. : PC-25316
CAS No. : 18080-67-6
Molecular Formula : C₁₀H₈Br₂N₂O₂
Molecular Weight : 347.99
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Conoidin A is a cell permeable inhibitor of *T. gondii* enzyme peroxiredoxin II (TgPrxII) with nematocidal properties, covalently binds to the peroxidatic Cys47 of TgPrxII and inhibits its hyperperoxidation activity with IC₅₀ of 23 uM, also is a small molecule peroxiredoxin 1 (PRDX1) inhibitor with IC₅₀ of 14.8 uM.

References

Jeralyn D Haraldsen, et al. Org Biomol Chem. 2009;7:3040-3048.

Gu Liu, et al. ChemMedChem. 2010 Jan;5(1):41-5.

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

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