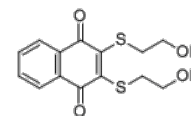


Product Name : NSC95397
Cat. No. : PC-60248
CAS No. : 93718-83-3
Molecular Formula : C₁₄H₁₄O₄S₂
Molecular Weight : 310.38
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

NSC95397 is a potent, selective, reversible **Cdc25** dual specificity phosphatase inhibitor with K_i of 32/96/40 nM for Cdc25A/B/C, respectively.

NSC95397 displays 125- and 180-fold selectivity over VH1-related dual-specificity phosphatase and PTP1B.

NSC95397 shows significant growth inhibition in cancer cells and blocks G(2)/M phase transition.

NSC95397 also inhibits cellular MKP-1 and MKP-3 with IC_{50} of 13 μ M.

References

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Vogt A, et al. *Mol Cancer Ther*. 2008 Feb;7(2):330-40.

Larsson DE, et al. *Anticancer Res*. 2010 Jan;30(1):149-56.

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

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