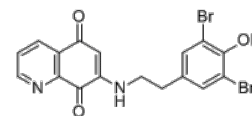


Product Name : NSC668394
Cat. No. : PC-36052
CAS No. : 382605-72-3
Molecular Formula : C₁₇H₁₂Br₂N₂O₃
Molecular Weight : 452.102
Target : Ezrin
Solubility : 10 mM in DMSO



Biological Activity

NSC668394 (NSC 668394) is a small molecule inhibitor of **Ezrin**, directly bind to ezrin with K_d of 12.59 uM. NSC668394 inhibits T567 phosphorylation and actin binding of endogenous ezrin at 10 μM without altering cellular ezrin levels.

NSC668394 inhibits PKC-I phosphorylation of recombinant ezrin with IC₅₀ of 8.1 uM.

NSC668394 inhibits ezrin-mediated invasion of K7M2 OS cells, inhibits cell motility during zebrafish and Xenopus embryonic development; also inhibits ezrin-dependent in vivo OS metastatic growth in mouse lung.

References

Bulut G, et al. *Oncogene*. 2012 Jan 19;31(3):269-81.

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

E-mail: tech@probechem.com