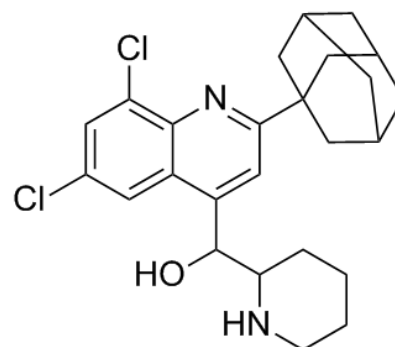


Product Name : NSC305787
Cat. No. : PC-45560
CAS No. : 785718-37-8
Molecular Formula : C₂₅H₃₀Cl₂N₂O
Molecular Weight : 445.4245
Target : Ezrin
Solubility : 10 mM in DMSO



Biological Activity

NSC305787 is a small molecule inhibitor of **Ezrin** with K_d of 5.85 uM.

NSC305787 inhibits ezrin phosphorylation, ezrin-actin interaction and ezrin-mediated motility of osteosarcoma (OS) cells in culture.

NSC305787 inhibits lung metastasis of ezrin-sensitive cells in mice; also inhibits SHIP-1 and SHIP-2.

References

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Russo CM, et al. *Bioorg Med Chem Lett*. 2015 Nov 15;25(22):5344-8.

Çelik H, et al. *J Biol Chem*. 2016 Jun 17;291(25):13257-70.

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

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