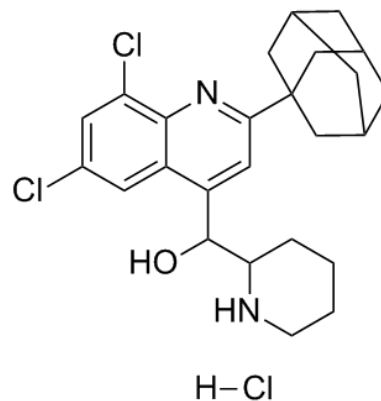


Product Name	: NSC305787 hydrochloride
Cat. No.	: PC-45561
CAS No.	: 53868-26-1
Molecular Formula	: C ₂₅ H ₃₁ Cl ₃ N ₂ O
Molecular Weight	: 481.8854
Target	: Ezrin
Solubility	: DMSO: 8 mg/mL



Biological Activity

NSC305787 hydrochloride is a small molecule inhibitor of **Ezrin** with Kd of 5.85 μ M.

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

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

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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