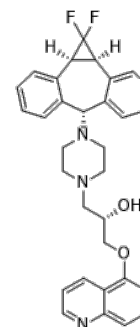


Product Name : Zosuquidar
Cat. No. : PC-23700
CAS No. : 167354-41-8
Molecular Formula : C₃₂H₃₁F₂N₃O₂
Molecular Weight : 527.62
Target : P-glycoprotein (P-gp)
Solubility : 10 mM in DMSO



Biological Activity

Zosuquidar (LY335979) is a potent P-glycoprotein (P-gp) inhibitor with K_i of 60 nM.

Zosuquidar (LY335979) fully restores sensitivity to vinblastine, doxorubicin, etoposide, and Taxol in CEM/VLB100 cells at 0.1 μ M.

Zosuquidar (LY335979) enhances the antitumor activity of Taxol in a MDR human non-small cell lung carcinoma nude mouse xenograft model.

References

Slate DL, et al. Anticancer Res. 1995 May-Jun;15(3):811-4.

Dantzig AH, et al. Cancer Res. 1996 Sep 15;56(18):4171-9.

Dantzig AH, et al. J Pharmacol Exp Ther. 1999 Aug;290(2):854-62.

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

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