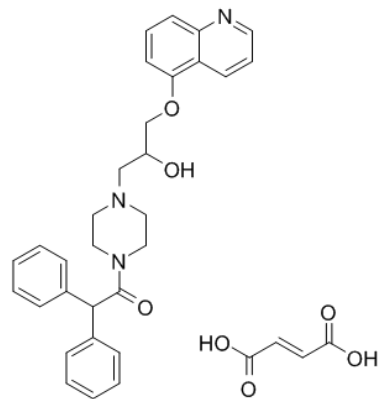


Product Name : Dofequidar fumarate
Cat. No. : PC-45137
CAS No. : 153653-30-6
Molecular Formula : C₃₄H₃₅N₃O₇
Molecular Weight : 597.6576
Target : P-glycoprotein (P-gp)
Solubility : DMSO: ≥ 56 mg/mL



Biological Activity

A novel, orally active quinoline compound that can reverse P-glycoprotein (P-gp)-mediated MDR; completely reverses resistance against vincristine in vitro in multidrug-resistant variants of mouse leukemia P388 cells and human leukemia K562 cells at 1-10 uM; greatly reduces the SP-derived tumor growth in vivo combined with CPT-11.

Breast cancer

Phase 2 Discontinued

References

Nakanishi O, et al. *Oncol Res.* 1997;9(2):61-9.

Sato W, et al. *Cancer Chemother Pharmacol.* 1995;35(4):271-7.

Katayama R, et al. *Cancer Sci.* 2009 Nov;100(11):2060-8.

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

E-mail: tech@probechem.com