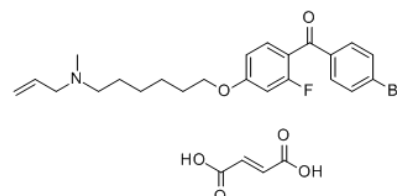


Product Name : Ro 48-8071 fumarate
Cat. No. : PC-45493
CAS No. : 189197-69-1
Molecular Formula : C₂₇H₃₁BrFNO₆
Molecular Weight : 564.4406
Target : Other Targets
Solubility : DMSO: ≥ 55 mg/mL



Biological Activity

A potent 2,3-oxidosqualene cyclase (OSC) inhibitor with IC₅₀ of 6.5 nM; 6 times less potent against hamster and Gottingen minipig liver OSC, and 10-times more potent against squirrel monkey liver OSC; blocks human liver OSC and cholesterol synthesis in HepG2 cells in the nanomolar range; triggers the production of monooxidosqualene, dioxidosqualene, and epoxycholesterol.

Dyslipidemia
Preclinical

References

- Morand OH, et al. J Lipid Res. 1997 Feb;38(2):373-90.
Peffley DM, et al. Biochem Pharmacol. 1998 Aug 15;56(4):439-49.
Liang Y, et al. Onco Targets Ther. 2016 May 30;9:3223-32.

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

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