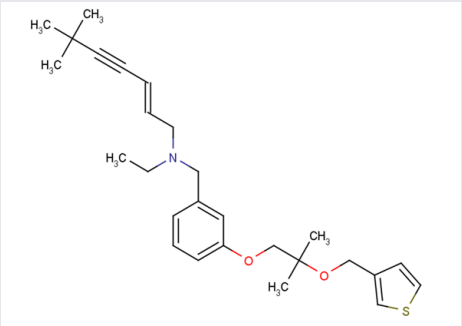
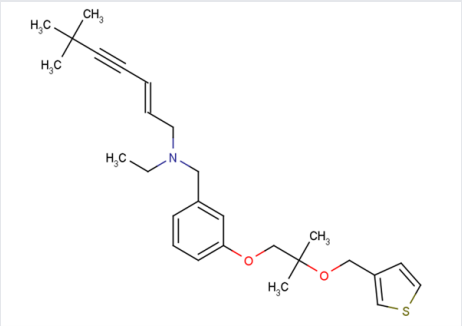
FR194738 Inhibitor

PRODUCT OVERVIEW

Product Name	FR194738, Inhibitor
Full Product Name	FR194738 free base
Product Gene Name	FR194738, inhibitor
Purity/Purification	98%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	439.66
SMILES	CCN(C\C=C\C#CC(C)(C)C)Cc1cccc(OCC(C)(C)OCc2ccsc2)c1
Formula	C27H37NO2S
CAS Number	204067-45-8
Target	Antifungal squalene epoxidase, in HepG2 cell homogenates: 9.8nM
Solubility	(<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	FR194738 reduces the serum levels of total, non high density lipoprotein (HDL) and HDL cholesterol, and triglyceride. Treatment of hamsters with FR194738 increases HMG-CoA reductase activity by 1.3-fold at 32mg/kg compared to the control group and does not significantly change that at 100mg/kg. FR194738 potently inhibits squalene epoxidase (SE) in HepG2 cell homogenate and liver serum lipid levels in hamsters after daily administration of FR194738 and Pravastatin for 10 d are measured.
Product Categories/Family for FR194738, inhibitor	Microbiology/Virology
Related Product Information for FR194738, inhibitor	FR194738 inhibits squalene epoxidase activity in HepG2 cell homogenates with an IC50 of 9.8nM. FR194738 free base is a squalene epoxidase inhibitor.
Product References and Citations for FR194738, inhibitor	1 Sawad M e al Effec o FR194738 poten inhibito o squalen epoxidase o cholestero metabolis i HepG cells Eu Pharmacol 200 No 9 31(1):11-6. 2 Sawad M e al Synthesi an biologica activit o nove squalen epoxidas inhibitor FR194738 Bioor Me Che Lett 200 Fe 9 4(3):633-7. 3 Sawad M e al Inhibitio o cholestero synthesi cause bot hypercholesterolemi an hypocholesterolemi i hamsters Bio Phar Bull 200 Dec 5(12):1577-82.
Other Notes	Small volumes of FR194738, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FR194738 purchase	MBS5766676 is an inhibitor targeting FR194738. Also known as FR194738 free base.



Structure of FR194738, inhibitor
FR194738 free base, CAS 204067-45-8



Structure of FR194738, inhibitor
FR194738 free base, CAS 204067-45-8

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/inhibitor/fr194738/5766676