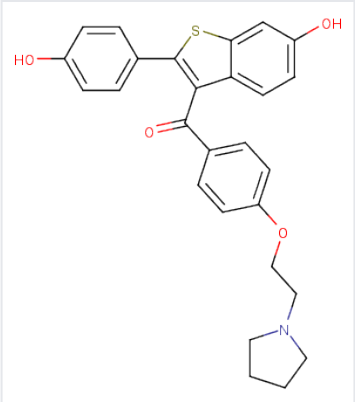
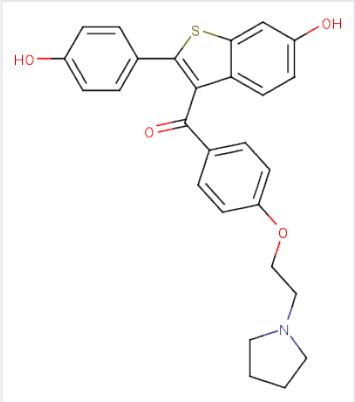
LY117018 Inhibitor

PRODUCT OVERVIEW

Product Name	LY117018, Inhibitor
Full Product Name	LY117018
Product Gene Name	LY117018, inhibitor
Purity/Purification	98%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	459.56
SMILES	Oc1ccc(cc1)-c1sc2cc(O)ccc2c1C(=O)c1ccc(OCCN2CCCC2)cc1
Formula	C27H25NO4S
CAS Number	63676-25-5
Target	PI3K
Solubility	(<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	LY117018 (1uM) treatment, caused a predominantly hypophosphorylated pRb. At a higher concentration of LY117018 (1uM), the level of p53 appeared to decline. LY117018 (0.01-1000nM; 24hours) at lower concentrations (0.01-10nM) caused an E2-like increase in p53 levels when compared to its effects on cells grown in the stripped meduM. LY117018 did not block E2-induced pRb phosphorylation, at lower concentrations[1]. LY117018 (1uM; 96hours) suppresses MCF-7 cell proliferation with an IC50 of 1uM[2]. LY117018 inhibits oxidative stress-induced endothelial cell apoptosis through activation of ERK1/2 signaling pathway[3].
Product Categories/Family for LY117018, inhibitor	PI3K/Akt/mTOR signaling
Related Product Information for LY117018, inhibitor	LY117018 shows antiproliferative effects on breast cancer cell lines. LY117018 is a Raloxifene analog and is a selective estrogen receptor modulator.
Product References and Citations for LY117018, inhibitor	1 Dind S e al Effect o LY11701 (SER analo o raloxifene o uMo suppresso protein an proliferatio o breas cance cells.Hor Mo Bio Cli Investig 201 Au 1 (1):211-7. 2 BHuman KH e al Effect o celecoxi an ly11701 combinatio o PUMA breas cance cell i vitro.Breas Cance (Auckl) 200 Ap 7 :23-34. 3 Y J e al.Raloxifen analogu LY11701 suppresse oxidativ stress-induce endothelia cel apoptosi throug activatio o ERK1/ signalin pathway.Eu Pharmacol 200 Ju 28 89(1-3):32-6.
Other Notes	Small volumes of LY117018, 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 LY117018 purchase	MBS5769306 is an inhibitor targeting LY117018.



Structure of LY117018, inhibitor
LY117018, CAS 63676-25-5



Structure of LY117018, inhibitor
LY117018, CAS 63676-25-5

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

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/ly117018/5769306