Isojacareubin Inhibitor

PRODUCT OVERVIEW

Product Name	Isojacareubin, Inhibitor
Full Product Name	Isojacareubin
Form/Format	Solid. Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	326.31
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C18H14O6
CAS Number	50597-93-8
Target & IC50	Antifection MAPK PKC
Product Categories/Family for Isojacareubin, inhibitor	Microbiology&virology; Antifection; Cytoskeletal Signaling; MAPK
Related Product Information for Isojacareubin, inhibitor	Isojacareubin displays potent activity against H. pylori HP40 clinical isolate with MIC 23.9 uM, which is approximately two times greater than that of the standard drug amoxicillin. Isojacareubin is a potent inhibitor of protein kinase C (PKC), suppresses hepatocellular carcinoma metastasis and induces apoptosis in vitro and in vivo, thus, it as a promising lead compound for the development of new antihepatoma agents.
Product References and Citations for Isojacareubin, inhibitor	Inhibition of protein kinase C by isojacareubin suppresses hepatocellular carcinoma metastasis and induces apoptosis in vitro and in vivo. Sci Rep. 2015 Aug 6;5:12889. Anti-Helicobacter pylori xanthones of Garcinia fusca. Arch Pharm Res. 2014 Aug;37(8):972-7. Isojacareubin from the Chinese herb Hypericum japonicum: potent antibacterial and synergistic effects on clinical methicillin-resistant Staphylococcus aureus (MRSA). Int J Mol Sci. 2012;13(7):8210-8.
Other Notes	Small volumes of Isojacareubin, 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 Isojacareubin purchase	MBS5762586 is an inhibitor targeting Isojacareubin.

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

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Online datasheet: https://www.mybiosource.com/inhibitor/isojacareubin/5762586