Leachianone A Inhibitor

PRODUCT OVERVIEW

Product Name	Leachianone A, Inhibitor
Full Product Name	Leachianone A
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	438.5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C26H30O6
SMILES	CC(C)=CC[C@H](Cc(c(O[C@@H](CC1=O)c(ccc(O)c2)c2OC)c1c(O)c1)c1O)C(C)=C
CAS Number	97938-31-3
Target & IC50	SGLT
In Vitro	In this study, Leachianone A, isolated from Radix Sophorae, possessed a profound cytotoxic activity against human hepatoma cell line HepG2 in vitro, with an IC(50) value of 3.4microg/ml post-48-h treatment, Its action mechanism via induction of apoptosis involved both extrinsic and intrinsic pathways. Its anti-tumor effect was further demonstrated in vivo by 17-54% reduction of tumor size in HepG2-bearing nude mice, in which no toxicity to the heart and liver tissues was observed[1]
Product Categories/Family for Leachianone A, inhibitor	GPCR/G Protein; SGLT
Related Product Information for Leachianone A, inhibitor	Leachianone A is a potential antitoxic agent, it shows inhibitory effects on cadmium- Induced cytotoxicity.
Product References and Citations for Leachianone A, inhibitor	Leachianone A as a potential anti-cancer drug by induction of apoptosis in human hepatoma HepG2 cells.Cancer Lett. 2007 Aug 18;253(2):224-35. Leachianone A as a potential anti-cancer drug by induction of apoptosis in human hepatoma HepG2 cells.Cancer Lett. 2007 Aug 18;253(2):224-35. Lavandulyl flavonoids with sodium-dependent glucose cotransporter 2 inhibitory activity from Sophora flavescens.Journal of Huazhong Normal University, 2014, 48(4):520-4.
Other Notes	Small volumes of Leachianone A, 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 Leachianone A purchase	MBS5760577 is an inhibitor targeting Leachianone A.

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/leachianone-a/5760577