Sugiol Inhibitor

PRODUCT OVERVIEW

Product Name	Sugiol, Inhibitor
Full Product Name	Sugiol
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	300.4
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C20H28O2
SMILES	CC(C)c1cc(C(C[C@@H]2[C@]3(C)CCCC2(C)C)=O)c3cc1O
CAS Number	511-05-7
Target & IC50	ROS IL Receptor TNF-alpha
Product Categories/Family for Sugiol, inhibitor	Immunology/Inflammation; ROS; Apoptosis
Related Product Information for Sugiol, inhibitor	Sugiol has antioxidant efficacy, it has significant scavenging activities of 1,1-diphenyl-2-picryl hydrazyl, nitric oxide, superoxide and hydroxyl free radicals. Sugiol's efficacy in inhibiting the inflammatory cytokines of IL-1beta and TNF-alpha could be attributed to a reduction of the ROS that leads to a decrease in the phosphorylation of MAPKs.
Product References and Citations for Sugiol, inhibitor	Antioxidant, lipid peroxidation inhibition and free radical scavenging efficacy of a diterpenoid compound sugiol isolated from Metasequoia glyptostroboides. Asian Pac J Trop Med. 2014 Jan;7(1):9-15. Antioxidant, lipid peroxidation inhibition and free radical scavenging efficacy of a diterpenoid compound sugiol isolated from Metasequoia glyptostroboides. Asian Pac J Trop Med. 2014 Jan;7(1):9-15. Anti-inflammatory activity of sugiol, a diterpene isolated from Calocedrus formosana bark.Planta Med. 2005 Apr;71(4):300-5.
Other Notes	Small volumes of Sugiol, 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 Sugiol purchase	MBS5760952 is an inhibitor targeting Sugiol.

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/sugiol/5760952