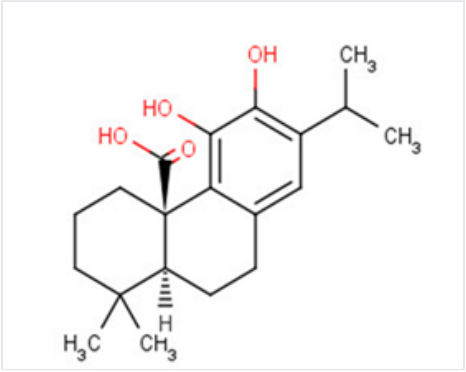
Carnosic acid Inhibitor

PRODUCT OVERVIEW

Product Name	Carnosic acid, Inhibitor
Full Product Name	Carnosic acid
Form/Format	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 For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Molecular Weight	332.43
Formula	C20H28O4
CAS	3650-09-7
Smiles	[H][C@@]12CCc3cc(C(C)C)c(O)c(O)c3[C@]1(CCCC2(C)C)C(O)=O
Solubility	DMSO: 100mg/mL, 300.82mM Water: Insoluble (<1mg/ml refers to the product slightly soluble or insoluble)
Product Categories/Family for Carnosic acid, inhibitor	Home; Immunology/Inflammation; ROS
Related Product Information for Carnosic acid, inhibitor	Carnosic acid is a lipid absorption inhibitor, endowed with antioxidative, antimicrobial, photoprotective potential, and antiproliferative properties.
Product References and Citations for Carnosic acid, inhibitor	1. Albalawi A, et al. Protective effect of carnosic acid against acrylamide-induced toxicity in RPE cells. Food Chem Toxicol. 2017 Oct;108 (Pt B):543-553. 2. de Oliveira MR, et al. Carnosic Acid Suppresses the H2O2-Induced Mitochondria-Related Bioenergetics Disturbances and Redox Impairment in SH-SY5Y Cells: Role for Nrf2. Mol Neurobiol. 2018 Feb;55 (2):968-979. 3. Xia G, et al. Carnosic acid (CA) attenuates collagen-induced arthritis in db/db mice via inflammation suppression by regulating ROS-dependent p38 pathway. Free Radic Biol Med. 2017 Jul;108:418-432.
Other Notes	Small volumes of Carnosic acid, 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 Carnosic acid purchase	MBS5751426 is an inhibitor targeting Carnosic acid.



Structure of Carnosic acid, inhibitor

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/carnosic-acid/5751426