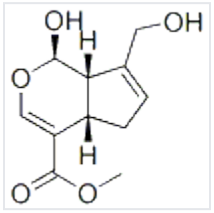
Genipin Inhibitor

PRODUCT OVERVIEW

Product Name	Genipin, Inhibitor
Full Product Name	Genipin
Form/Format	Powder
Purity/Purification	>98%
Concentration	0.1 mM: 44.2 mL (1 mg); 221.01 mL (5 mg); 442.03mL (10 mg) 0.5 mM: 8.84 mL (1 mg); 44.2 mL (5 mg); 88.41 mL (10 mg) 1 mM: 4.42 mL (1 mg); 22.1 mL (5 mg); 44.2 mL (10 mg) 5 mM: 0.88 mL (1 mg); 4.42 mL (5 mg); 8.84 mL (10 mg) (lot specific)
Preparation and Storage	at -20 degree C 3 years Powder
Molecular Weight	226.23
CAS Number	6902-77-8
Formula	C11H14O5
SMILES	COC(=O)C1=CO[C@H]([C@H]2[C@@H]1CC=C2CO)O
Solubility (DMSO)	45 mg/mL (198.91 mM)
Solubility (Ethanol)	45 mg/mL (198.91 mM)
Solubility (Water)	1 mg/mL (4.42 mM)
Availability	We cannot ship this item to Switzerland, Italy, Germany, France and Austria.
Related Product Information for Genipin, inhibitor	Genipin is a chemical compound found in gardenia fruit extract. Genipin is an excellent natural cross-linker for proteins, collagen, gelatin, and chitosan cross-linking. Furthermore, genipin can be used as a regulating agent for drug delivery, as the raw material for gardenia blue pigment preparation, and as the intermediate for alkaloid syntheses. In vitro experiments have shown that genipin blocks the action of the enzyme uncoupling protein 2.
Other Notes	Small volumes of Genipin, 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 Genipin purchase	MBS385441 is an inhibitor targeting Genipin.



Chemical Structure of Genipin, inhibitor

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Genipin. It may not necessarily be applicable to this product.

Protein Family	7-deoxyloganetin glucosyltransferase

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