

Catalog Number: CM00280

产品信息	Catalog Number: CM00280 CAS号: 6902-77-8 分子式: C ₁₁ H ₁₄ O ₅ 主要靶点: Autophagy Others 主要通路: 其他 自噬	分子量: 226.23 溶解度: Ethanol:45 mg/mL (198.91 mM),H2O:1 mg/mL (4.42 mM),DMSO:45 mg/mL (198.91 mM)	HO OH CH3
体外活性	Genipin stimulats glucose uptake in a time- concentration of 10? μ M. In myotubes, genip increases the phosphorylation of insulin recc levels, closed KATP channels, and then incre stimulated glucose uptake could be blocked genipin increases the level of reactive oxyg membrane potential, which then increases A pancreatic β -cells. Genipin activates glucos cytosol of genipin-treated FaO cells. Activat apoptotic process in hepatoma cells. ROS lev	and dose-dependent manner. The maximal e in promotes glucose transporter 4 (GLUT4) tra eptor substrate-1 (IRS-1), AKT, and GSK3 β . Me ases the concentration of calcium in the cytop by both the PI3-K inhibitor wortmannin and c en species and ATP in C2C12 myotubes[1]. Ge TP levels and closes KATP channels, thereby is e-excited POMC neurons[2]. Cytochrome c co ion of caspase-3 and caspase-7 is ultimately in rel notably increases in Hep3B cells treated w	ffect is achieved at 2?h with a inslocation to the cell surface, which banwhile, genipin increases ATP Jasm in C2C12 myotubes. Genipin- alcium chelator EGTA. Moreover, enipin increases mitochondrial stimulating insulin secretion in ntent increases significantly in the responsible for genipin-induced <i>i</i> th 200 µ M genipin[3].
描述	Genipin, an active aglycone derived from an Ellis.	iridoid glycoside called geniposide, is found	in the fruit of Gardenia jasminoides
储存	Powder: -20°C for 3 years In solvent: -	80°C for 2 years	