For Research Use Only Chondroitin sulfate



Catalog Number: CM05486

产品信息	Catalog Number: CM05486 CAS号: 9007-28-7 分子式: (C ₁₄ H ₂₁ NO ₁₄ S)n 主要靶点: Others MMP NO Synthase Endogenous Metabolite 主要通路: 蛋白酶体 免疫与炎症 其他 代谢	分子量: 463.36 溶解度: DMSO:Slightly soluble	$ \begin{array}{c} & & & & & \\ & & & & & \\ & & & & & \\ & & & &$
体外活性	disaccharide units composed of uronic acid viruses have been shown to utilize cell su sulfate occurs naturally in the extracellula Chondroitin sulfate has been shown to elid collagen and proteoglycans, a reduction in range of chondroitin sulfate concentration vitro studies. Chondroitin sulfate (200 mg/	lycosaminoglycans that are linear polysaccha d and N-acetylhexosamine. Several pathoger frace chondroitin sulfate chains to attach to ar ır matrix of connective tissues, such as bone, i cit a range of beneficial effects: anti-inflamm ı bone resorption and a better anabolic/catab s has been used (e.g. 12.5 to 2000 mg/mL, but /mL) decreases the chondrocyte susceptibility reduces inflammation mediators and the apo nes, iNOS, MMPs[4].	is including parasites, bacteria, and nd infect host cells[1]. Chondroitin cartilage, skin, ligaments and tendons. atory effects, an increase in type II olic balance in chondrocytes[2]. A large generally less than200 mg/mL) in in y to single nucleotide polymorphism-
体内活性	during various loading conditions by provi sulphate interferes with the progression of osteoarthritis[3]. Chondroitin sulfate is mo sulfate is rapidly absorbed by the gastroin	the aggrecan plays an important role in allow ding this tissue with resistance and elasticity f structural changes in joint tissues and is use ostly administered orally at doses ranging fro testinal tract. The absorbed chondroitin sulfa nerized low-molecular-weight derivatives[5]	/. It has been shown that chondroitin d in the management of patients with m 800 to 1200 mg/day. Chondroitin te reaches the blood compartment as
细胞实验	with 2.0 mL of fresh medium contain sulfate. HS, keratan sulphate and DS a	vell culture plates. 12 hours after platin ing LPS at a concentration of 50 mg/mL are added separately to each of the wel 'ocytes is then quantified by trypan blu 4].	. 4 hours later, HA, Chondroitin ls at concentrations of 0.5 and 1.0
描述	Extracted from shark bone;Store the produ	ct in sealed, cool and dry condition	
储存	Powder: -20°C for 3 years In solvent	::-80°C for 1 year	