
Carnosic Acid

产品编号: D51346

CAS: 3650-09-7

分子式: C₂₀H₂₈O₄

纯度: ≥98%

InChi: InChI=1S/C₂₀H₂₈O₄/c1-11(2)13-10-12-6-7-14-19(3,4)8-5-9-20(14,18(23)24)15(12)17(22)16(13)21/h10-11,14,21-22H,5-9H2,1-4H3,(H,23,24)/t14-,20+/m0/s1

InChi Key: QRYRORQUOLYVBU-VBKZILBWSA-N

Smiles: CC1(C)CCC[C@]2([C@H]1CCC1=CC(C(C)C)=C(O)C(O)=C21)C(O)=O

外观: 固体粉末

作用通路: Apoptosis

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Carnosic acid is a natural benzenediol abietane diterpene found in rosemary (*Rosmarinus officinalis*) and common sage (*Salvia officinalis*). Dried leaves of rosemary or sage contain 1.5 to 2.5% carnosic acid. Carnosic acid has medicinal properties, is a potent antioxidant and protects skin cells against UV-A radiation (photoprotection). Studies in animals have also found a protection against carcinogens. Carnosic acid is used as a preservative or antioxidant in food and nonfood products (e.g. toothpaste, mouthwash and chewing gum - in which it has an antimicrobial effect on the microbes responsible for bad breath- or skin care products).