

Catalog Number: CM00349

产品信息

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CM00349

CAS号:
10458-14-7

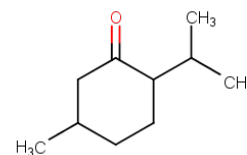
分子式:
C₁₀H₁₈O

主要靶点:
Parasite|IL Receptor|NF- κ B|TNF

主要通路:
NF- κ B 信号通路|凋亡|免疫与炎症|微生物学

分子量:
154.25

溶解度:
DMSO:30 mg/mL (194.49 mM)



体内活性

Menthone和Vit C在较高剂量下对于男性大鼠生殖系统中ACV所引起的不利影响具有良好的补偿作用，能显著降低精子细胞的DNA损伤。

动物实验

Adult male albino Wistar rats with average weight of 250±10 gr, were divided into six groups (n=18/each), as: ACV (15 mg/kg/day), ACV+Vit C (20 mg/kg/day), ACV+ menthone (100 μ l/d), ACV+ menthone (250 μ l/d), ACV+ menthone (400 μ l/day) and control group without any treatment. At the end of experiment, the animals were sacrificed and sperm samples were collected and isolated in phosphate-buffered saline and examined by TUNEL staining process. The percentage of TUNEL positive spermatozoa was evaluated by fluorescence microscopy. Each experiment was performed in three repeats

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.