

Product Name : Sesamol

Synonyms : —

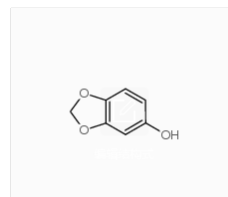
Cat No. : M18752

CAS Number : 533-31-3

Molecular Formula : C₇H₆O₃

Formula Weight : 138.12

Chemical Name : —



Description : Sesamol could decrease lung inflammation and lipopolysaccharide (LPS)-induced lung injury in rats. Sesamol ameliorates inflammatory and oxidative damage by upregulating AMPK activation and Nrf2 signaling and blocking the NF-κB and MAPK signaling pathways and inhibits melanin biosynthesis by down-regulating tyrosinase activity and melanin production via regulation of gene expression of melanogenesis-related proteins through modulation of MITF activity, which promotes phosphorylation of p38 and JNK in melan-a cells.

Pathway : Others

Target : Other Targets

Receptor : AMPK

Solubility : —

SMILES : C1Oc2c(O1)cc(cc2)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Wu XL, et al. Inflamm Res. 2015 Aug;64(8):577-88.