



Formula: C₁₅H₁₀O₃

MW: 238.24

CAS: 525-57-5

MDL: MFCD00017673

TNP:

TIMTEC-BB SBB000765; HYDROXYFLAVONE, 2'-; 2'-HYDROXYFLAVONE



LogP: -3.77

LogS: -2.93

Acceptors: 3

Donors: 1

Rotation Bonds: 2

Chiral Centers: 0

N+O: 3

LIPINSKY: 4

IUPAC: 2-(2-hydroxyphenyl)chromen-4-one

Smiles: c1cccc2c1c(cc(o2)c1cccc1O)=O

REFERENCE: J Nat Prod. 1988 Jan-Feb;51(1):60-5. Studies in the thymelaeaceae, V. 2'-Hydroxyflavone from *Daphnopsis sellowiana*: isolation and synthesis. Blasko G, Xun L, Cordell GA.

SOURCE: From the leaves of *Daphnopsis sellowiana* (Thymelaeaceae), 2'-hydroxyflavone [1], a rare natural product, has been isolated and characterized through its spectroscopic properties. Confirmation of the structure was achieved through total synthesis, which also afforded adequate material for complete ¹³C-nmr analysis.

Specification: Mono-substituted Flavones 2'-HYDROXYFLAVONE

2'-HYDROXYFLAVONE Usage And Synthesis 2'-HYDROXYFLAVONE