

Product Name : p-Hydroxy-cinnamic acid

Synonyms : —

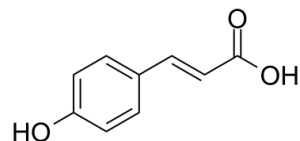
Cat No. : M19059

CAS Number : 7400-08-0

Molecular Formula : C₉H₈O₃

Formula Weight : 164.16

Chemical Name : —



Description : p-Hydroxycinnamic acid can inhibit platelet activity, with IC₅₀s of 371 μM, 126 μM for thromboxane B₂ production and lipopolysaccharide-induced prostaglandin E₂ generation, respectively.

Pathway : Endocrinology/Hormones

Target : CaMK

Receptor : Thromboxane A₂ synthetase; PGE₂

Solubility : DMSO : ≥ 100 mg/mL; 609.16 mM

SMILES : OC(=O)/C=C/c1ccc(O)cc1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Luceri C, et al. p-Coumaric acid, a common dietary phenol, inhibits platelet activity in vitro and in vivo. Br J Nutr. 2007 Mar;97(3):458-63.