

产品名称 : 7-Acetoxy-4-methylcoumarin

同义词 : ——

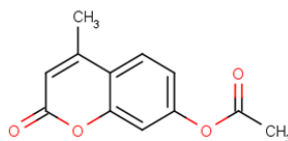
产品货号 : M19337

CAS Number : 2747-05-9

分子式 : C₁₂H₁₀O₄

分子量 : 218.21

化学全名 : ——



产品描述 : 7-Acetoxy-4-methylcoumarin is a fluorogenic substrate for carboxylesterase yielding a blue fluorescent solution upon cleavage. The compound has been used in aprotic media, a cell membrane environmental mimic, to study superoxide and related oxyl-radical reactions of model biological membranes dispersed in aqueous media. Due to the ability for AchE to cleave and activate 7-Acetoxy-4-methylcoumarin, the fluorogenic substrate has been used to study the AchE inhibitor Tacrine·HCl (sc-200172). The compound has also been isolated from *Trigonella foenum graecum*.

通路 : Others

靶点 : Other Targets

受体 : Others

溶解度 : ——

SMILES : CC(=O)Oc1ccc2c(c1)OC(=O)C=C2C

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1.Berman HA,et al.Interaction of tetrahydroaminoacridine with acetylcholinesterase and butyrylcholinesterase.Mol Pharmacol. 1992 Feb;41(2):412-8.