

## **2-Acetamido-2-(methoxycarbonyl)-4-(4-octylphenyl)butanoic acid**

Art. ID	TRC-A142805-25MG
Unit	25 mg
Deliverydetails	to be checked

### Description

Application Note: 2-Acetamido-2-(methoxycarbonyl)-4-(4-octylphenyl)butanoic acid is related to Fingolimod (F805000) which is a derivative of ISP-1 (myriocin), a fungal metabolite of the Chinese herb Iscaria sinclarii as well as a structural analogue of Sphingosine. Fingolimod is a novel immune modulator that prolongs allograft transplant survival in numberous models by inhibiting lymphocyte emigration from lymphoid organs. Fingolimod is reported to be phosphorylated by sphingosine kinase to FTY720-P, which has been shown to potently stimulate GTPγS binding activity in S1P-transfected CHO cells (EC50 = 210 pM, 4.9 nM, 4.3 nM, and 1 nM for S1P1, S1P3, S1P4 and S1P5, respectively).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	2-Acetamido-2-(methoxycarbonyl)-4-(4-octylphenyl)butanoic acid					