

TA-7552

Catalog No: tcsc0018404



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

104756-72-1

Formula:

$C_{25}H_{26}O_{10}$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

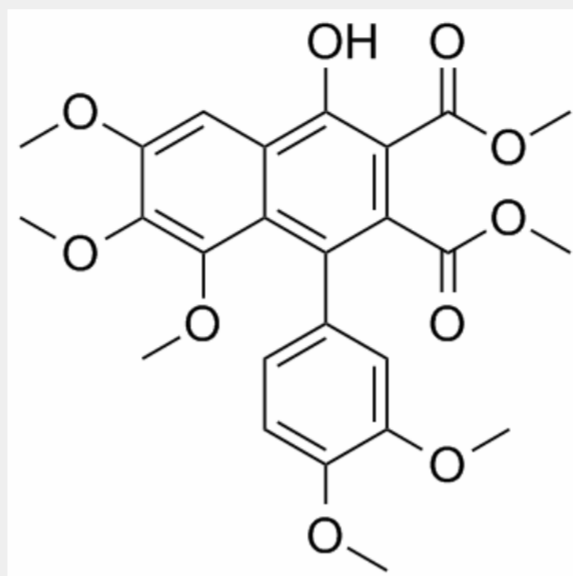
486.47

Product Description

TA-7552 is a potent cholesterol-lowering agent.

In Vivo: TA-7552 is a potent cholesterol-lowering agent. When TA-7552 is mixed with unsupplemented CLEA CE-2 powder in a

concentration of 0.05% and administered to rats for 7 days, TA-7552 does not reduce the normal level of serum cholesterol. The hypocholesterolemic effect of TA-7552 is apparent at the lowest concentration (0.01%) of the drug in the diet, corresponding to a daily dose of ~10 mg/kg body weight, and maximal at the highest concentration of 0.2% TA-7552, lowering serum total cholesterol by 72% while elevating serum HDL cholesterol by 88%. TA-7552 also dose dependently suppresses this rise of hepatic cholesterol, and its lowering rate at the maximal dose is 90%^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!