



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 \sim 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!