

F 16915

Catalog No: tcsc0016967



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

92510-91-3

Formula:

$C_{28}H_{37}NO_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

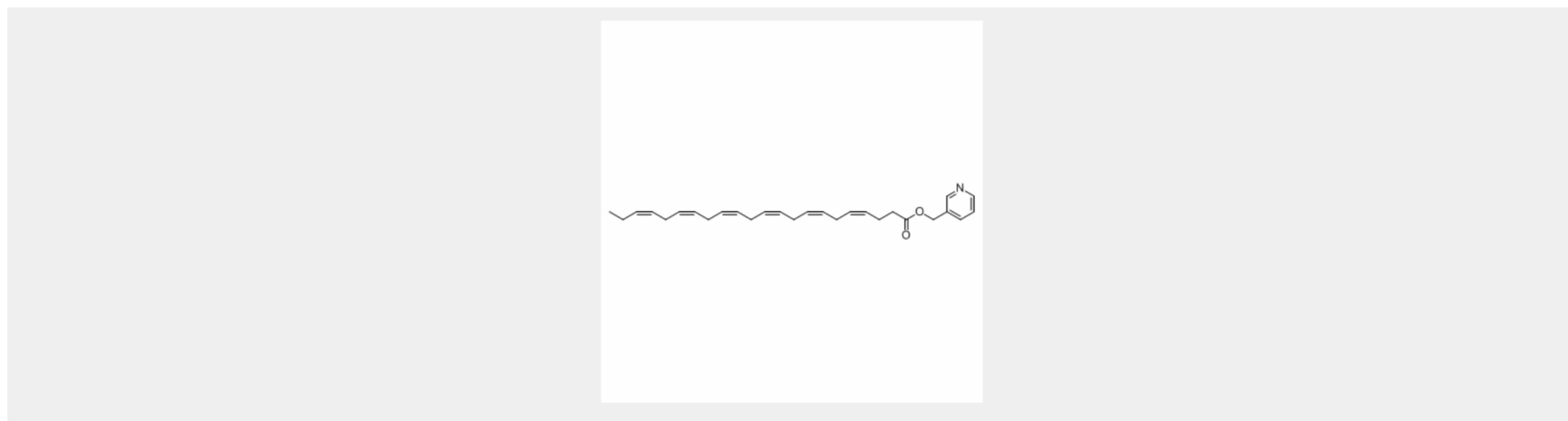
419.6

Product Description

F 16915 is a docosahexaenoic acid derivative which can prevent heart failure-induced atrial fibrillation.

In Vivo: F 16915 is a docosahexaenoic acid derivative which can prevent heart failure-induced atrial fibrillation. Time-dependent

changes in blood concentrations of total docosahexaenoic acid (DHA) and nicotinyl alcohol are followed after a single oral administration of F 16915 (300 mg/kg) to male rats. Treatment with F 16915 has no significant effect on body weight: 27.7±2.9 kg and 28.1±1.0 kg before surgery versus 29.2±3.4 kg and 28.8±1.7 kg after in the 1 and 5 g/day groups, respectively. F 16915 administered at 5 g/day for 4 weeks significantly reduces the mean duration of Atrial fibrillation (AF) induced by burst pacing but has no significant effect at 1 g/day. The duration of AF is significantly reduced from 989±111 s in the placebo group to 79±59 s in the presence of F 16915 at 5 g/day. Treatment of 2 months with 100 mg/kg F 16915 also significantly reduces the infarct size^[1].



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