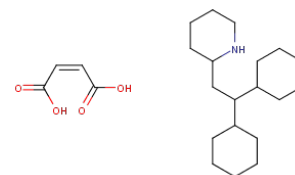


Catalog Number: CM06735

## 产品信息

Catalog Number:  
CM06735CAS号:  
6724-53-4分子式:  
 $C_{23}H_{39}NO_4$ 主要靶点:  
Mitochondrial  
Metabolism|Others主要通路:  
代谢|其他分子量:  
393.56溶解度:  
DMSO:27.5 mg/mL (69.87 mM)

## 靶点活性

Rat heart CPT 1:77  $\mu$ M (IC<sub>50</sub>)|Rat liver CPT 1:148  $\mu$ M (IC<sub>50</sub>)

## 体外活性

Perhexiline treatment increases the susceptibility of NB cells to antitlastic treatments. Co-administration of Perhexiline maleate potentiates the efficacy of cisplatin to reduce the in vitro clonogenic potential of NB cells[2].

## 体内活性

The co-administration of Perhexiline and cisplatin yields a clear enhancement of antitumor effects, resulting in a significantly improved progression-free survival as compared with mice treated with DMSO.

## 描述

Perhexiline maleate is a potent inhibitor of carnitine palmitoyltransferase 1 (CPT 1) (rat heart and liver CPT 1 with IC<sub>50</sub>s of 77 and 148  $\mu$ M, respectively).

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years