

Catalog Number: CM04971

## 产品信息

**Catalog Number:**  
CM04971

**CAS号:**  
132465-10-2

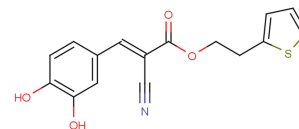
**分子式:**  
 $C_{16}H_{13}NO_4S$

**主要靶点:**  
Lipoxygenase

**主要通路:**  
代谢

**分子量:**  
315.34

**溶解度:**  
Ethanol:25 mM,DMSO:90.0  
mg/mL (285.4 mM),Sonification  
is recommended.



## 靶点活性

12-lipoxygenase:0.013  $\mu$  M|5-lipoxygenase:0.09  $\mu$  M|15-lipoxygenase:0.5  $\mu$  M

## 体外活性

2-TEDC exhibits potent inhibition against 5-, 12-, and 15-lipoxygenase, with IC50 values of 0.09  $\mu$  M, 0.013  $\mu$  M, and 0.5  $\mu$  M, respectively.[1]

## 描述

2-TEDC is a potent lipoxygenase (LOX) inhibitor with inhibitory effects on 5-LOX, 12-LOX, and 15-LOX with IC50 values of 0.09  $\mu$  M, 0.013  $\mu$  M, and 0.5  $\mu$  M, respectively.2-TEDC can be used in the study of atherosclerosis.

## 储存

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