

# Trombodipine

**Catalog No: tcsc0014761**



## Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

113658-85-8

**Formula:**

$C_{21}H_{24}N_2O_7S$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

PCA-4230

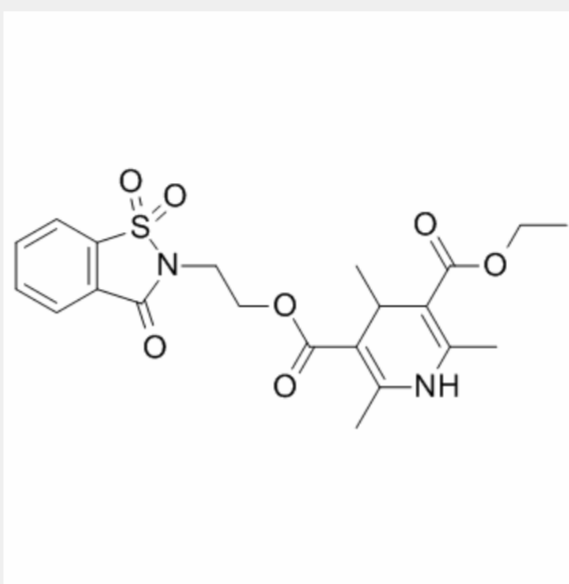
**Observed Molecular Weight:**

448.49

## Product Description

Trombodipine is an antithrombotic agent.

**In Vitro:** Trombodipine is an antithrombotic agent. Exposure to 50  $\mu\text{M}$  Trombodipine reveals an important stasis of growth. The percentage of inhibition exerted by 1  $\mu\text{M}$  Trombodipine on day 3, 5 and 7 of the growth curve is  $22.0 \pm 4.5$ ,  $32.0 \pm 3.0$  and  $29.4 \pm 6.0\%$ , respectively (P[1]. Addition of Trombodipine reduces cell number in a dose-dependent manner over a period of 4 to 6 days in culture. When compare to control cultures at the latest time points investigated, 5  $\mu\text{M}$  Trombodipine decreases the number of E19P cells and human VSMCs by 25 and 21%, respectively, whereas 50  $\mu\text{M}$  Trombodipine reduces E19P and human VSMC number by 85 and 74%, respectively<sup>[2]</sup>.



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