

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

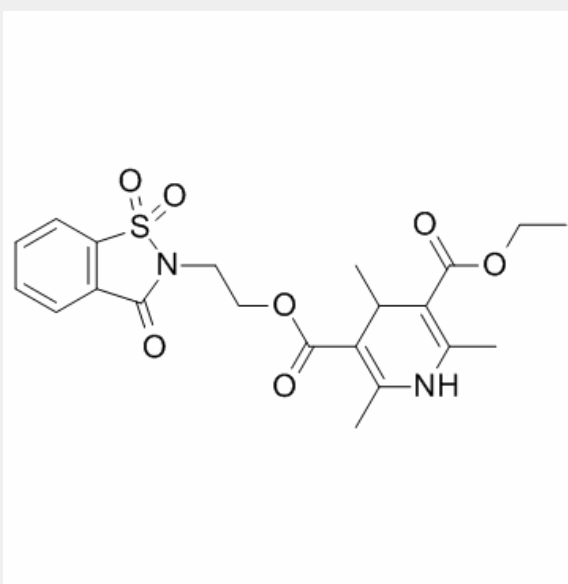
Observed Molecular Weight:

448.49

Product Description

Trombodipine is an antithrombotic agent.

In Vitro: Trombodipine is an antithrombotic agent. Exposure to 50 μ M Trombodipine reveals an important stasis of growth. The percentage of inhibition exerted by 1 μ M Trombodipine on day 3, 5 and 7 of the growth curve is 22.0 ± 4.5 , 32.0 ± 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 μ M Trombodipine decreases the number of E19P cells and human VSMCs by 25 and 21%, respectively, whereas 50 μ M Trombodipine reduces E19P and human VSMC number by 85 and 74%, respectively^[2].



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