
Tinoridine hydrochloride

产品编号: D58788

CAS: 25913-34-2

分子式: C₁₇H₂₁ClN₂O₂S

纯度: 99.86%

InChi Key: InChiKey=LMAQHEGFQZGATE-UHFFFAOYSA-N

Smiles: Cl.CCOC(=O)c1c(N)sc2CN(Cc3ccccc3)CCc12

外观: 固体粉末

作用通路: Immunology/Inflammation; Neuroscience; Metabolism

作用靶点: COX; Glutathione Peroxidase

溶解性: DMSO:51 mM

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Tinoridine (Y-3642) is a non-steroidal anti-inflammatory drug. Tinoridine (5-100 μM), produced a concentration-dependent inhibition on the simultaneous increases in lipid peroxide formation and renin release induced by 50 μM ascorbic acid in the renin granule fraction. On the other hand, indomethacin, hydrocortisone, and prednisolone, which had no ability to inhibit the lipid peroxidation in the renin granule fraction, did not influence the release of renin from the granules. These results suggest that tinoridine suppresses renin release by inhibiting the oxidative disintegration of membranes of renin granules.