

Product Name : Tinoridine hydrochloride

Synonyms : Y-3642 hydrochloride

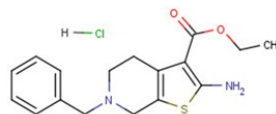
Cat No. : M18320

CAS Number : 25913-34-2

Molecular Formula : C₁₇H₂₁ClN₂O₂S

Formula Weight : 352.88

Chemical Name : —



Description : 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.

Pathway : Others

Target : Other Targets

Receptor : COX

Solubility : DMSO : ≥ 31 mg/mL; 87.85 mM

SMILES : O=C(C1=C(N)SC2=C1CCN(CC3=CC=CC=C3)C2)OCC.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Kalariya PD, etal. J Mass Spectrom. 2015 Nov;50(11):1222-33