
Trimipramine Maleate Salt

产品编号: D60173

CAS: 521-78-8

分子式: C₂₄H₃₀N₂O₄

纯度: 98%

InChi Key: InChiKey=YDGHCKHAXOUQOS-BTJKTKAUSA-N

Smiles: c12CCc3c(N(c2cccc1)CC(CN(C)C)C)cccc3.OC(=O)/C=C/C(=O)O

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: 5-HT Receptor; Bacterial

溶解性: Soluble in DMSO、H₂O

保存条件: 2-8°C

产品介绍: Trimipramine maleate is a 5-HT receptor antagonist, with pK_i binding values of 6.39, 8.10, 4.66 for 5-HT_{1C}, 5-HT₂ and 5-HT_{1A}, respectively. Trimipramine maleate is also a potent and selective inhibitor targeting human noradrenaline (hNAT), serotonin (hSERT) and organic cation transporters (hOCT1, hOCT2) with IC₅₀ values of 4.99 μM, 2.11 μM, 3.72 μM, 8.00 μM, respectively. Trimipramine maleate has vascular activity and anxiolytic efficacy