
SR-59230A oxalate

产品编号: D51663

CAS: 174689-39-5

分子式: C₂₃H₂₉NO₆

纯度: ≥98%

InChi: InChI=1S/C₂₁H₂₇NO₂.C₂H₂O₄/c1-2-16-8-4-6-13-21(16)24-15-18(23)14-22-20-12-7-10-17-9-3-5-11-19(17)20;3-1(4)2(5)6/h3-6,8-9,11,13,18,20,22-23H,2,7,10,12,14-15H₂,1H₃;(H,3,4)(H,5,6)/t18-,20-;/m0./s1

InChi Key: XTBQNQMNFNGLR-MKSBGGEFSA-N

Smiles: CCC1C=CC=CC=1OC[C@@H](O)CN[C@H]1CCCC2=CC=CC=C21.OC(=O)C(O)=O

外观: 固体粉末

作用通路: Adrenergic Receptor

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: SR-59230A is a potent and selective β ₃ adrenoceptor antagonist (IC₅₀ values are 40, 408 and 648 nM for β ₃, β ₁ and β ₂ receptors respectively). SR-59230A was subsequently shown to also act at α ₁ adrenoceptors at high doses. It has been shown to block the hyperthermia produced by MDMA in animal studies. SR 59230A blocks MDMA-induced hyperthermia, while at high concentrations it blocks hyperthermia but also increases heat loss through an α ₁-AR antagonistic mechanism.