

Product Name	: SR59230A
Synonyms	: —
Cat No.	: M21725
CAS Number	: 174689-39-5
Molecular Formula	: C ₂₃ H ₂₉ NO ₆
Formula Weight	: 415.48
Chemical Name	: —
Description	MDMA (20 mg/kg) produces a slowly developing hyperthermia, reaching a maximum increase of 1.8°C at 130 min post injection. SR59230A (0.5 mg/kg) produces a small but significant attenuation of the slowly developing hyperthermia to MDMA. SR59230A (5 mg/kg) reveals a significant and marked early hypothermic reaction to MDMA.
Pathway	: Angiogenesis
Target	: Adrenergic Receptor
Receptor	: —
Solubility	: DMSO : 31.25 mg/mL (75.21 mM; Need ultrasonic)
SMILES	: <chem>O[C@@H](CN[C@@H]1CCCC2=C1C=CC=C2)COC3=CC=CC=C3CC(=O)C(=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Nisoli E, et al. Functional studies of the first selective beta 3-adrenergic receptor antagonist SR 59230A in rat brown adipocytes. *Mol Pharmacol*. 1996 Jan;49(1):7-14.
2. Kanzler SA, et al. Involvement of β3-adrenergic receptors in the control of food intake in rats. *Braz J Med Biol Res*. 2011 Nov;44(11):1141-7.
3. Bruno G, et al. β3-adrenoreceptor blockade reduces tumor growth and increases neuronal differentiation in neuroblastoma via SK2/SIP2 modulation. *Oncogene*. 2020 Jan;39(2):368-384.