SNC 80
Item No. 15599

CAS Registry No.: 156727-74-1
Formal Name: 4-[(R)-[(2S,5R)-2,5-dimethyl-4-(2-propen-1-yl)-1-piperazinyl]-3-methoxyphenyll]methyl]-N,N-diethyl-benzamide
Synonym: NIH 10815
MF: C28H39N3O2
FW: 449.6
Purity: ≥99%
Stability: ≥2 years at 4°C
Supplied as: A white to off-white crystalline solid

Laboratory Procedures

For long term storage, we suggest that SNC 80 be stored as supplied at 4°C. It should be stable for at least two years. SNC 80 is supplied as a white to off-white crystalline solid. A stock solution may be made by dissolving the SNC 80 in the solvent of choice. SNC 80 is soluble in organic solvents such as ethanol, DMSO, and dichloromethane, which should be purged with an inert gas.

SNC 80 is a selective non-peptide agonist of the δ-opioid receptor (Kᵢ = 0.18 nM, IC₅₀ = 2.73 nM) that is over 2,000-fold less effective at the μ-opioid receptor.1-3 It effectively activates μ/δ receptor heteromers (EC₅₀ = 52.8 nM) but not κ/δ or μ/κ heteromers.4 SNC 80 has antinociceptive as well as pro-convulsant effects in vivo.1-2,5

References

Related Products

For a list of related products please visit: www.caymanchem.com/catalog/15599

WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY: NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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Cayman Chemical Company makes no warranty or guarantee of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular purpose, satisfactory and merchantability, which extends beyond the description of the chemicals herein. Cayman warrants only to the original customer that the material will meet our specifications at the time of delivery. Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have any obligation or liability, whether in tort (including negligence) or in contract, for any direct, indirect, incidental or consequential damages, even if Cayman is informed about their possible existence.

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