(S)-Sulpiride, D2-like dopamine antagonist ab120579

Overview

Product name
(S)-Sulpiride, D2-like dopamine antagonist

Description
D2-like dopamine antagonist. Active enantiomer.

Biological description
Selective D2-like dopamine antagonist (K_i values are ~ 0.015, ~ 0.013, and 1 μM at D2, D3, and D4 receptors, respectively). Active enantiomer of Sulpiride (ab120578). Antipsychotic and prokinetic agent.

CAS Number
23672-07-3

Chemical structure

![Chemical structure image]

Properties

Chemical name
(S)-(-)-5-Aminosulfonyl-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxybenzamide

Molecular weight
341.42

Molecular formula
C_{15}H_{23}N_{3}O_{4}S

Storage instructions
Store at +4°C. The product can be stored for up to 12 months.

Solubility overview
Soluble in DMSO to 100 mM and in ethanol to 25 mM (with warming)

Handling
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

Source
Synthetic
2D chemical structure image of ab120579, (S)-Sulpiride, D2-like dopamine antagonist

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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