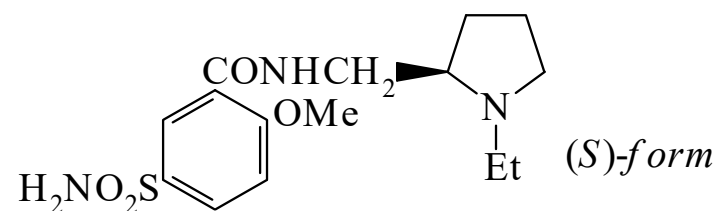




>>Entry Name: Sulpiride, BAN, INN, JAN, USAN

Synonym(s): 5-(Aminosulfonyl)-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxybenzamide, 9Cl. N-[(1-Ethyl-2-pyrrolidinyl)methyl]-5-sulfamoyl-*o*-anisamide, 8Cl. Dogmatil. Dogmatyl. Mirbanil. Milsulvan. Eglonyl. Many other names



CAS Registry Number: 15676-16-1

Related CAS Registry Numbers(s): 23672-07-3 23756-79-8

Extra CAS Registry Numbers(s): 23672-06-2

Molecular Formula: C₁₅H₂₃N₃O₄S

Molecular Weight: 341.43

Accurate Mass: 341.140927

Percentage Composition: C 52.77%; H 6.79%; N 12.31%; O 18.74%; S 9.39%

Biological Use/Importance: Dopamine D₂ agonist. Antidepressant, digestive aid, antianxiety drug. Non-sedative major antipsychotic agent. Migraine therapeutic. Low acute toxicity

Development Status: Approved 1973

Calculated Log P Data: Log P 1.11 (calc)

Sigma: S8010

>>Variant: (S)-form

Synonym(s): Levosulpiride, INN

CAS Registry Number: 23672-07-3

Molecular Formula: C₁₅H₂₃N₃O₄S

Molecular Weight: 341.43

Accurate Mass: 341.140927

Percentage Composition: C 52.77%; H 6.79%; N 12.31%; O 18.74%; S 9.39%

Other Data: Pharmacol. active isomer

Aldrich: 44559-2

Sigma: S7771

>>Variant: (±)-form

Molecular Formula: C₁₅H₂₃N₃O₄S

Molecular Weight: 341.43

Accurate Mass: 341.140927

Percentage Composition: C 52.77%; H 6.79%; N 12.31%; O 18.74%; S 9.39%

Melting Point: Mp 175-182 dec.°

Solubility: Insol. H₂O, Et₂O, CHCl₃, C₆H₆

Other Data: Can be obt. in two forms, inter- and intramolecularly H-bonded

>>Derivative: 1-Adamantanecarboxylate

Synonym(s): Neoride. Sedobion

CAS Registry Number: 55247-89-7

References: