

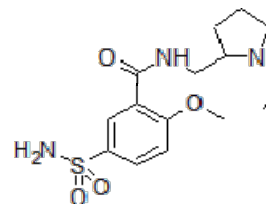
Certificate of Analysis



Product Identification

Catalog number HB1835
Compound name RS-Sulpiride
Chemical name (RS)-(±)-5-Aminosulfonyl-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxybenzamide
Batch number E0602-1-1
Batch molecular formula C₁₅H₂₃N₃O₄S
Batch molecular weight 341.40

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.2%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 20% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.20
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in 0.05M HCl (50 mM) and in DMSO (100 mM)	Meets specification

Biological validation

Produced by Richard Patterson

Signature

Passed by Huw Davies

Signature

Date

25-04-17

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.