

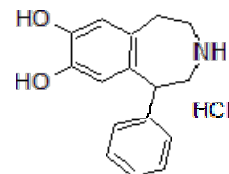
Certificate of Analysis



Product Identification

Catalog number HB2094
Compound name SKF 38393 hydrochloride
Chemical name (±)-1-Phenyl-2,3,4,5-tetrahydro-(1H)-3-benzazepine-7,8-diol hydrochloride
Batch number E1387-8-23
Batch molecular formula C₁₆H₁₇NO₂.HCl.0.1H₂O
Batch molecular weight 293.58

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.7%
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 of expected result for each element tested	Meets specification
TLC	TLC analysis in 1:1 PAW:BuOH shows one spot with KMnO ₄	Meets specification: R _f =0.65
Physical appearance	White to cream solid	Meets specification: Off-white solid
Solubility	Soluble in water (50 mM, warming) and in DMSO (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

05-05-21

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