

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1684	
Compound name	SB 269970 hydrochloride	
Chemical name	(2R)-1-[(3-Hydroxyphenyl)sulfonyl]-2-[2-(4-methyl-1-piperidinyl)ethyl]pyrrolidine hydrochloride	
Batch number	E1164-1-1	
Batch molecular formula	C ₁₈ H ₂₈ N ₂ O ₃ S.HCl	
Batch molecular weight	388.95	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.0%
NMR	1H NMR consistent with structure	Meets specification
Mass spectrum	Analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 10% MeOH/1%NH ₃ /DCM shows one spot under uv	Meets specification: R _f =0.67
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (70 mM) and in DMSO (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

14-10-20

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