

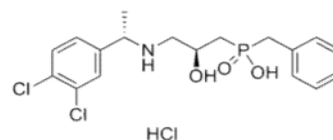
Certificate of Analysis



Product Identification

Catalog number HB0960
Compound name CGP 55845 hydrochloride
Chemical name (2S)-3-[[[(1S)-1-(3,4-Dichlorophenyl)ethyl]amino-2-hydroxypropyl](phenylmethyl)phosphinic acid hydrochloride
Batch number E2231-1-2
Batch molecular formula C₁₈H₂₂NC₂O₃P.HCl
Batch molecular weight 438.72

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.1%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 50% PAW/BuOH shows one spot under uv	Meets specification: R _f =0.6
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

22/06/2023

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