

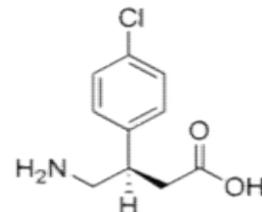
Certificate of Analysis



Product Identification

Catalog number HB0952
Compound name R-Baclofen
Chemical name (R)-4-Amino-3-(4-chlorophenyl)butanoic acid

Batch number E0592-1-1
Batch molecular formula C₁₀H₁₂NO₂Cl.0.4H₂O
Batch molecular weight 220.90



Chemical Structure

Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.3%
NMR	¹ H NMR in D ₂ O at 400 MHz consistent with structure	Meets specification
Mass spectrum	MALDI 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 1:1 PAW:BuOH shows one spot under ninhydrin	Meets specification: R _f =0.8
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (20 mM)	Meets specification

Biological validation

Produced by Richard Patterson

Signature

Passed by Huw Davies

Signature

Date

08-03-17

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