

Certificate of Analysis

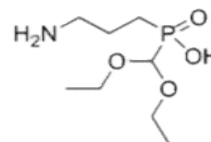


Product Identification

Catalog number HB0955
Compound name CGP 35348
Chemical name (3-Aminopropyl)(diethoxymethyl)phosphinic acid

Batch number E1891-9-7
Batch molecular formula C₈H₂₀NO₄P·0.1H₂O
Batch molecular weight 227.03

Chemical Structure



Method

QC requirement

QC Result

NMR	1H NMR in D ₂ O 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% NH ₃ /IPA shows one spot under ninhydrin	Meets specification: R _f =0.25
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (100 mM)	Meets specification

Biological validation

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

11-05-22

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