Certificate of Analysis



Product Identification

Chemical Structure

Catalog number HB2023

Compound name (±)-Anatoxin A fumarate

Chemical name (±)-2-Acetyl-9-aza bicyclo[4.2.1]non-2-ene fumarate

E2100-20-3 Batch number C₁₄H₁₉NO₅ Batch molecular formula Batch molecular weight 281.31

QC Result

Meets specification

Meets specification

Meets specification: Off-white solid

Method

HPLC

QC requirement

Reverse Phase HPLC shows >96% purity as two Meets specification: 99.9% peaks; Anatoxin and Fumaric acid

NMR 1H NMR in D₂O consistent with structure

Meets specification Electrospray positive analysis consistent with Mass spectrum

TLC TLC analysis in 5% MeOH/DCM shows one spot Meets specification: $R_f = 0.5$

under ninhydrin Physical appearance White to off-white solid

Solubility Soluble in water (10 mg/ml) and in ethanol (1 mg/ml)

Produced by Richard Patterson

Passed by Steve Roome

Signature

Signature

23/02/2023 Date

Rock

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