

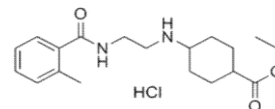
Certificate of Analysis



Product Identification

Catalog number HB1498
Compound name VU 0357017 hydrochloride
Chemical name 4-[[2-[(2-Methylbenzoyl)amino]ethyl]amino]-1-piperidinecarboxylic acid ethyl ester hydrochloride
Batch number E0700-1-1
Batch molecular formula C₁₈H₂₇N₃O₃·HCl
Batch molecular weight 369.89

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	1H NMR consistent with structure	Meets specification
Mass spectrum	MS analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 5% MeOH/DCM + NEt ₃ shows one spot under UV	Meets specification: R _f =0.4
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (50 mM) and in DMSO (70 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

25/08/2023

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