

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2254	
Compound name	Torin 2	
Chemical name	9-(6-Amino-3-pyridinyl)-1-[3-(trifluoromethyl)phenyl]-benzo[h]-1,6-naphthyridin-2(1H)-one	
Batch number	E2328-1-1	
Batch molecular formula	C ₂₄ H ₁₅ F ₃ N ₄ O	
Batch molecular weight	432.40	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.5%
NMR	¹ H NMR consistent with structure	Meets specification
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
TLC	TLC analysis in 10% MeOH/DCM shows one spot	Meets specification: R _f =0.46
Physical appearance	Yellow to pale yellow solid	Meets specification: Pale yellow solid
Solubility	Soluble in DMSO (40 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

24/07/2023

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