

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1033	
Compound name	TC-N 1752	
Chemical name	N-[2-Methyl-3-[[4-[4-[(trifluoro methoxy)phenyl]methoxy]-1-piperidiny]-1,3,5-triazin-2-yl]amino]phenyl]acetamide	
Batch number	E0422-1-1	
Batch molecular formula	C ₂₅ H ₂₇ F ₃ N ₆ O ₃	
Batch molecular weight	516.52	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.3%
NMR	¹ H NMR consistent with structure	Meets specification
Mass spectrum	Electrospray positive/negative analysis shows molecular ion	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 10% DCM/MeOH shows one spot under uv	Meets specification: R _f =0.55
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (65 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

31-01-22

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