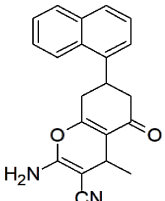


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB6130	
Compound name	UCPH 102	
Chemical name	2-Amino-5,6,7,8-tetrahydro-4-methyl-7-(1-naphthalenyl)-5-oxo-4H-1-benzopyran-3-carbonitrile	
Batch number	E0687-1-4	
Batch molecular formula	C ₂₁ H ₁₈ N ₂ O ₂ ·0.5H ₂ O	
Batch molecular weight	339.39	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.1%
NMR	¹ H NMR in DMSO 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 1% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.6
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (25 mM)	Meets specification
Biological validation		

Produced by

Signature

Passed by

Signature

Date

11-10-17

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