## **Certificate of Analysis**



## Product Identification Chemical Structure

 Catalog number
 HB0630

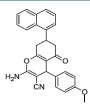
 Compound name
 UCPH 101

Chemical name 2-Amino-5,6,7,8-tetrahydro-4-(4-methoxyphenyl)-7-(naphthalen-1-yl)-5-

oxo-4H-chromene- 3-carbonitrile

 $\begin{array}{lll} \textbf{Batch number} & E0639-8-16 \\ \textbf{Batch molecular formula} & C_{27}H_{22}N_2O_3.0.25H_2O \end{array}$ 

Batch molecular weight 426.99



Method	QC requirement	QC Result
HPLC NMR	Reverse Phase HPLC shows >98% purity 1H NMR in DMSO at 400 MHz consistent with structure	Meets specification: 98.2% 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 <sub>f</sub> =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.