

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2096	
Compound name	ZM 241385	
Chemical name	4-(2-[7-Amino-2-(2-furyl)[1,2,4]triazolo[2,3-a][1,3,5]triazin-5-ylamino]ethyl)phenol	
Batch number	E0867-1-5	
Batch molecular formula	C <sub>16</sub> H <sub>13</sub> N <sub>7</sub> O <sub>2</sub> ·0.2H <sub>2</sub> O	
Batch molecular weight	340.94	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >99% purity	Meets specification: 99.1%
NMR	<sup>1</sup> 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 10% MeOH/DCM shows one spot under uv	Meets Specification; Rf~0.6
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM) and in ethanol (5 mM, gentle warming)	Meets specification

Produced by

Signature

Passed by

Signature

Date

03-09-18

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