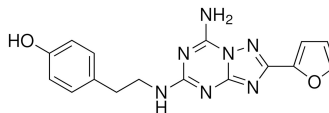


Certificate of Analysis

Product Name : ZM 241385 ≥98% (HPLC)
Product Number : Z0153-BULK
Batch Number : 0000043312
CAS Number : 139180-30-6
Molecular Formula : C₁₆H₁₅N₇O₂
Formula Weight : 337.34
Quality Release Date : 19 Sep 2018



Test	Specification	Result
Appearance (Color)	White to Beige	Off-White
Appearance (Form)	Powder	Powder
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Conforms to Requirements	Colorless
Concentration	≥ 15.0 mg/ml	34.0 mg/ml
DMSO		
Purity (HPLC)	≥ 97.5 %	99.2 %
Identity	Confirmed	Confirmed
Water Content	0.0 - 2.0 mol	1.8 mol
Elemental Composition	Pass	Pass

Brendan Nye, QC Supervisor

Quality Control

Natick, Massachusetts

US