



## Certificate of analysis

Product name: 4-Hydroxy-7-phenoxy-3-isoquinolinecarboxylic acid methyl ester

Cas number: 1455091-10-7

Molecular Formula: C<sub>17</sub>H<sub>13</sub>NO<sub>4</sub>

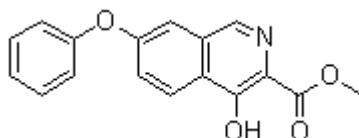
Molecular Weight: 295.29

Date of production: Nov.08,2015

Batch NO:20151108

Exp Date: Nov.07,2017

Chemical structure:



Items	Specifications	Results
Characteristic	Off-white powder	Conforms
Identification By MS	The MS spectra of standard and sample is concordant.	Conforms
Identification By H NMR	The H NMR spectra of standard and sample is concordant.	Conforms
Assay(HPLC)	≥98.0%	99.8%

**Conclusion: It complies with the Enterprise Standard.**

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F

