



# Certificate of analysis

Product name: Erlotinib

Cas number: 183321-74-6

Molecular Formula: C<sub>22</sub>H<sub>23</sub>N<sub>3</sub>O<sub>4</sub>

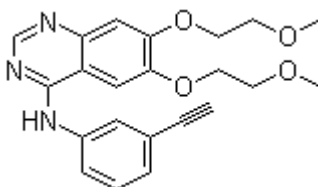
Molecular Weight: 393.44

Date of production: Fed. 10, 2017

Batch No: 20170210

Exp Date: Feb. 09, 2019

Chemical structure:



Items	Specifications	Results
Appearance	White to pale yellow powder	Conforms
Identification	HNMR	Conforms
	HPLC	Conforms
Melting point	228.0-230.0°C	Conforms
Heavy metals	≤10ppm	Conforms
Single impurity	≤0.2%	0.08%
Total impurities	≤1.0%	0.40%
Assay	≥99.0%	99.6%

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

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F