

Certificate of Analysis

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 Product Name
 : Montelukast

 Cat. No.
 : PC-23319

 CAS No.
 : 158966-92-8

 Batch No.
 : PC-2331901

Chemical Name : (R,E)-2-(1-(((1-(3-(2-(7-Chloroquinolin-2-yl)vinyl)phenyl)-3-(2-(2-hydroxypropan-2-

yl)phenyl)propyl)thio)methyl)cyclopropyl)acetic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 586.19

Molecular Formula : C₃₅H₃₆CINO₃S

Storage : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure :

S J OH

ANALYTICAL DATA

Appearance: Solid powder¹H NMR Spectrum: Consistent withHPLC: Consistent withNP: Consistent with

Purity (HPLC and/or LCMS) : >98%

Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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