

## CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

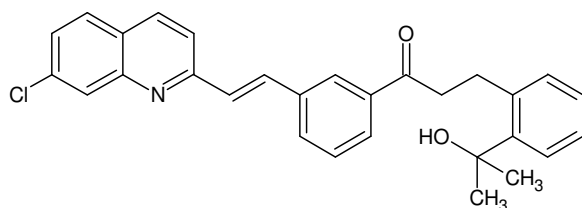
Date:

**Montelukast Ketone Impurity**

**Catalog NO: VL510011**

Batch No.:

IUPAC Name: (E)-1-{3-[2-(7-Chloroquinolin-2-yl)vinyl]phenyl}-3-[2-(2-hydroxypropan-2-yl)phenyl]propan-1-one.



Molecular Weight: 455.98 g/mol

Molecular Formula: C<sub>29</sub>H<sub>26</sub>ClNO<sub>2</sub>

Sr.#	Test	Results	Data ref.
1	Appearance	Pale Yellow Solid	-----
2	Purity by HPLC	>95.00%	Chromatogram attached
3	Mass	Conform	Report attached
4	NMR	Conform	Report attached

**Storage condition:** Store at 2-8°C, protect from direct sunlight and moisture.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

**Manufacturing date:**

**Retest date:**

**Document data reference:**

*Prepared by*

*Reviewed by*

*Approved by*