

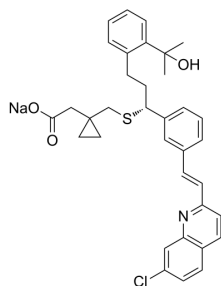
## Montelukast (sodium)

|                |                                                                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.:      | HY-13315                                                                                                                                                            |
| CAS No.:       | 151767-02-1                                                                                                                                                         |
| Batch No.:     | 05013                                                                                                                                                               |
| Chemical Name: | Cyclopropaneacetic acid, 1-[[[(1R)-1-[3-[(1E)-2-(7-chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]thio]methyl]-, sodium salt (1:1) |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| Molecular Formula: | C <sub>35</sub> H <sub>35</sub> ClNNaO <sub>3</sub> S                                                                        |
| Molecular Weight:  | 608.17                                                                                                                       |
| Storage:           | 4°C, sealed storage, away from moisture<br>* In solvent : -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture) |

### Chemical Structure:



### ANALYTICAL DATA

|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| Appearance:                  | White to off-white (Solid)                                              |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure                                               |
| LCMS:                        | Consistent with structure                                               |
| Purity (LCMS):               | 99.52%                                                                  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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