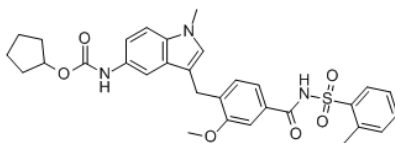


**Product Name** : Zafirlukast  
**Cat. No.** : PC-45294  
**CAS No.** : 107753-78-6  
**Batch No.** : PC-4529401  
**Chemical Name** : Carbamic acid, N-[3-[[2-methoxy-4-[[[(2-methylphenyl)sulfonyl]amino]carbonyl]phenyl]methyl]-1-methyl-1H-indol-5-yl]-, cyclopentyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 575.6752  
**Molecular Formula** : C<sub>31</sub>H<sub>33</sub>N<sub>3</sub>O<sub>6</sub>S  
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 6 Months  
**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : 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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