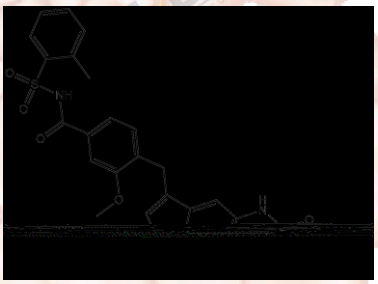
Product Data Sheet

# Zafirlukast

**Cat. No.:** B2068
**CAS No.:** 107753-78-6
**Formula:** C31H33N3O6S
**M.Wt:** 575.68
**Synonyms:**
**Target:** GPCR/G protein
**Pathway:** Leukotriene Receptor
**Storage:** Store at -20℃



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|---|---|
| In Vitro | ů 23.9 mg/mL in DMSO; insoluble in EtOH; insoluble in H2O |

| Preparing Stock Solutions | Mass / Solvent / Concentration | 1mg | 5mg | 10mg |
|---|---|---|---|---|
| | **1 mM** | 1.7371 mL | 8.6854 mL | 17.3708 mL |
| | **5 mM** | 0.3474 mL | 1.7371 mL | 3.4742 mL |
| | **10 mM** | 0.1737 mL | 0.8685 mL | 1.7371 mL |

Please refer to the solubility information to select the appropriate solvent.

| | |
|---|---|
| Shortsummary | oral leukotriene receptor antagonist |
| IC५ & Target | |

**Cell Viability Assay**

| In Vitro | | |
|---|---|---|
| | Preparation method | The solubility of this compound in DMSO is > 23.9 mg/mL. General tips for obtaining a higher concentration: Please warm the tube at 37 ℃ for 10 minutes and/or shake it in the ultrasonic bath for a while. Stock solution can be stored below - 20 ℃ for several months. |
| | Reacting conditions: | 12.5 ~ > 100 ε M |
| | Applications: | Zafirlukast exhibited antibacterial and antibiofilm activities against |