

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Zafirlukast, CAS [[107753-78-6]] BYT-ORB1300514

Article Name	Zafirlukast, CAS [[107753-78-6]]
Biozol Catalog Number	BYT-ORB1300514
Supplier Catalog Number	orb1300514
Alternative Catalog Number	BYT-ORB1300514-10, BYT-ORB1300514-25, BYT-ORB1300514-1, BYT-ORB1300514-50, BYT-ORB1300514-100, BYT-ORB1300514-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Zafirlukast is a potent and selective antagonist of the leukotriene D4 receptor (IC <sub>50</sub> =0.6 µM). This orally active compound is used in asthma research for its anti-inflammatory properties and has been investigated in both in vitro binding assays and i...
Molecular Weight	575.68
Purity	99.83% (May vary between batches)
CAS Number	[107753-78-6]
Formula	C <sub>31</sub> H <sub>33</sub> N <sub>3</sub> O <sub>6</sub> S
Target	Leukotriene Receptor
Application Notes	Solubility: Ethanol:< 1 mg/mL (insoluble or slightly soluble),H <sub>2</sub> O:< 1 mg/mL (insoluble or slightly soluble),DMSO:105 mg/mL (182.39 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (6.95 mM)