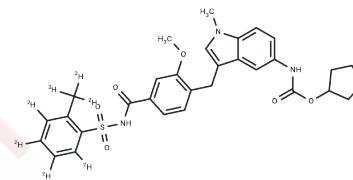


## Zafirlukast-D7

## Chemical Properties

CAS No. :	1217174-18-9
Formula:	C <sub>31</sub> H <sub>26</sub> D <sub>7</sub> N <sub>3</sub> O <sub>6</sub> S
Molecular Weight:	582.72
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Zafirlukast-D7 is a deuterated compound of Zafirlukast. Zafirlukast (T6736) has a CAS number of 107753-78-6. Zafirlukast (T6736) is an orally available leukotriene receptor antagonist which is widely used for the prophylaxis and chronic treatment of asthma.
Targets(IC50)	Leukotriene Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7161 mL	8.5805 mL	17.1609 mL
5 mM	0.3432 mL	1.7161 mL	3.4322 mL
10 mM	0.1716 mL	0.858 mL	1.7161 mL
50 mM	0.0343 mL	0.1716 mL	0.3432 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

1. Kassahun K, et al. Chem Res Toxicol,2005, 18(9), 1427-1437.

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