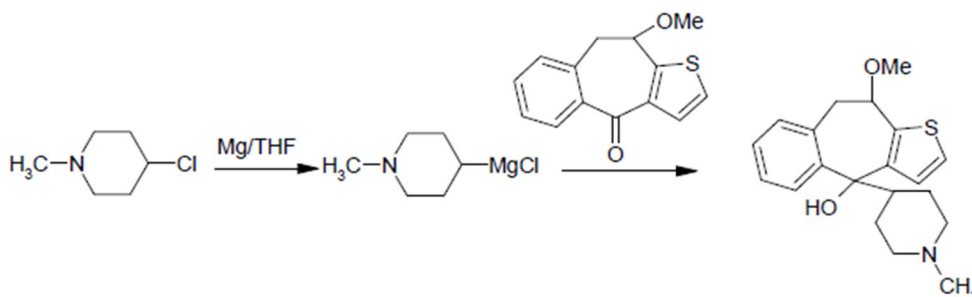
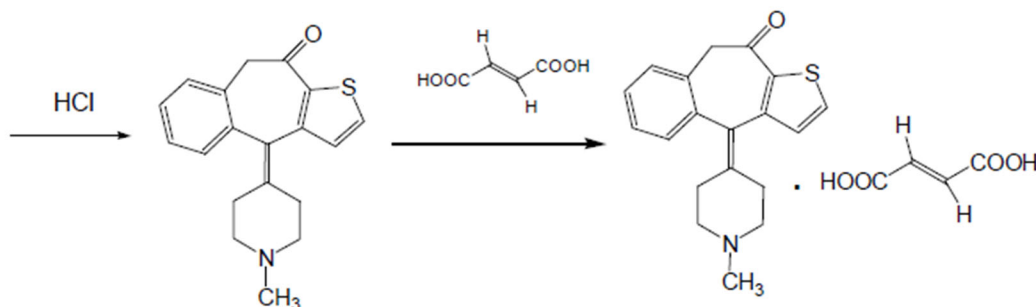


Manufacturing Process Flowchart Ketotifen Hydrogen Fumarate, EP (Cat# K3012)



N-Methyl-4-chloropiperidine	(1-methylpiperidin-4-yl)magnesium chloride	10-methoxy-4H-benzo[4,5]cyclohepta[1,2-b]thiophen-4-one	10-methoxy-4-(1-methyl-4-piperidinyl)-4H-benzo[4,5]cyclohepta[1,2-b]thiophen-4-ol
$C_6H_{12}ClN$	$C_6H_{12}ClMgN$	$C_{14}H_{12}O_2S$	$C_{20}H_{25}NO_2S$
<i>Mr</i> : 133.62	<i>Mr</i> : 157.92	<i>Mr</i> : 244.31	<i>Mr</i> : 343.48



4,9-Dihydro-4-(1-methyl-4-piperidinylidene)-10H-benzo[4,5]cyclohepta[1,2-b]thiophen-10-one	Fumaric acid	Ketotifen fumarate
$C_{19}H_{19}NOS$	$C_4H_4O_4$	$C_{23}H_{23}NO_5S$
<i>Mr</i> : 309.43	<i>Mr</i> : 116.07	<i>Mr</i> : 425.49

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