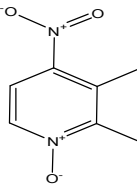
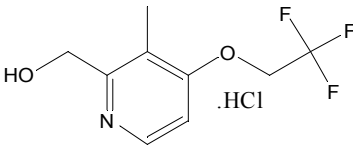
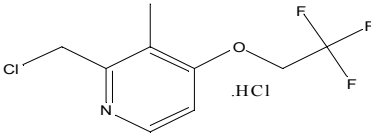
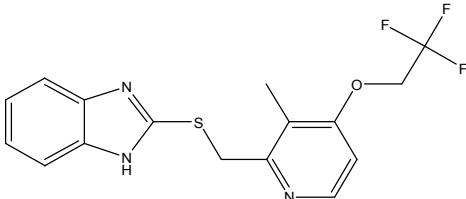
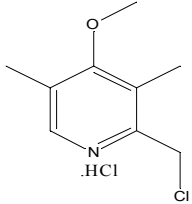
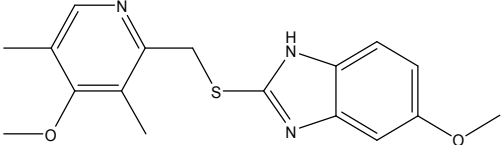


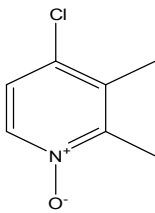
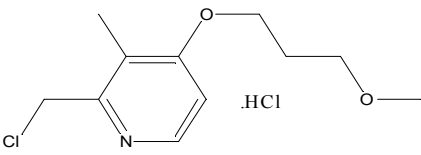
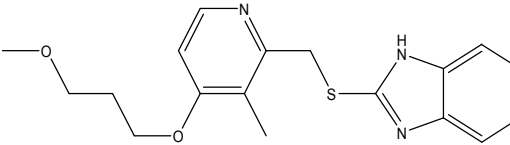
Lansoprazole Intermediates

Product Name (s), CAS # & End use.	Structure & Molecular Formula
<p>4-Nitro-2,3-dimethylpyridine-N-oxide (Lanso-nitro)</p> <p>CAS NO. : 37699-43-7</p> <p>End use : Lansoprazole</p>	 <p><chem>Cc1c(C)c([N+](=O)[O-])cc[n1]</chem></p> <p>$C_7H_8N_2O_3$</p>
<p>2-Hydroxy methyl,3-methyl-4-[2,2,2-trifluoroethoxy] pyridine hydrochloride (Lanso-hydroxy)</p> <p>CAS NO. : 103577-66-8</p> <p>End use : Lansoprazole</p>	 <p><chem>Cc1c(COC(F)(F)F)cc(CO)n1</chem>.HCl</p> <p>$C_9H_{10}F_3NO_2 \cdot HCl$</p>
<p>2-Chloromethyl, 3-methyl-4-[2,2,2-trifluoroethoxy] pyridine hydrochloride (Lanso chloro)</p> <p>CAS NO. : 127337-60-4</p> <p>End use : Lansoprazole</p>	 <p><chem>Cc1c(COC(F)(F)F)cc(CCl)n1</chem>.HCl</p> <p>$C_9H_9ClF_3NO \cdot HCl$</p>
<p>2[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]thio]-1H-benzimidazole (Lanso-sulphide)</p> <p>CAS NO. : 103577-40-8</p> <p>End use : Lansoprazole</p>	 <p><chem>Cc1c(COC(F)(F)F)cc(CSC2=NC3=CC=CC=C3N2)n1</chem></p> <p>$C_{16}H_{14}F_3N_3OS$</p>

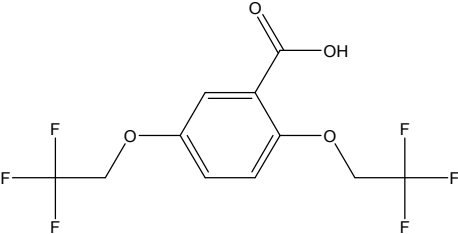
O m e p r a z o l e I n t e r m e d i a t e s

Product Name (s) , CAS # & End use.	Structure & Molecular Formula
2-Chloromethyl,3,5-dimethyl 4-methoxy pyridine hydrochloride (Omeprazole-chloro)	
2-(chloromethyl)-4-methoxy-3,5-dimethyl-pyridine hydrochloride (Omeprazole-chloro)	C₉H₁₂ClNO HCl
CAS NO. : 86604-75-3	
End use : Omeprazole & Esomeprazole	
5-Methoxy-2-[(4-methoxy-3,5-dimethyl pyridin-2-yl) methyl] thio]-1H-benzimidazole (Sulphide-Compound)	
CAS NO. : 73590-85-9	C₁₇H₁₉N₃O₂S
End use : Omeprazole & Esomeprazole	

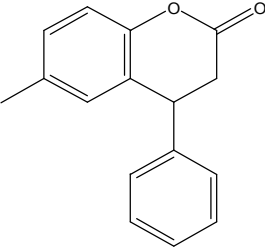
Rabeprazole Intermediates

Product Name (s) , CAS # & End use.	Structure & Molecular Formula
<p>Pyridine 4-chloro-2,3-dimethyl-1-oxide 4-Chloro-2,3-dimethyl pyridine 1-oxide 4-Chloro-2,3-dimethyl pyridine N-oxide CAS NO. : 59886-90-7</p>	 <p><chem>Cc1c(Cl)cc(C)n1[O-]</chem> C_7H_8ClNO</p>
End use : Rabeprazole	
<p>Pyridine 2-(chloromethyl)-4-(3-methoxy propoxy)-3-methyl hydrochloride 2-Chloromethyl-3-methyl-4-(3-methoxy propoxy) pyridine hydrochloride CAS NO. : 153259-31-5</p>	 <p><chem>Cc1cc(C)cc(COCCOC)c1CCl</chem>.HCl $C_{11}H_{16}NO_2Cl.HCl$</p>
End use : Rabeprazole	
<p>2[[[4-(3-Methoxypropoxy)-3-methyl pyridinyl methyl] thio]-1<i>H</i>-benzimidazole 2-{[4-(3-Methoxypropoxy)-3-methylpyridine-2-yl] methylthio} -1<i>H</i>-benzimidazole CAS NO. : 117977-21-6</p>	 <p><chem>Cc1cc(C)cc(COCCOC)c1CSC2=NC3=CC=CC=C3N2</chem> $C_{18}H_{21}N_3O_2S$</p>
End use : Rabeprazole	

Flecainide Intermediate

Product Name (s), CAS# & End use.	Structure & Molecular Formula
2,5 Bis (2,2,2-trifluoroethoxy) benzoic acid CAS NO . : 35480-52-5 End use : Flecainide	 C₁₁H₈O₄F₆

Tolterodine Intermediates

Product Name (s), CAS# & End use.	Structure & Molecular Formula
3,4-Dihydro-6-methyl-4-phenyl coumarine 2H-1-benzopyran -2 - one, 3,4-dihydro-6- methyl-4- phenyl CAS NO. : 40546 - 94 - 9 End use : Tolterodine	 C₁₆H₁₄ O₂

Risedronate sodium Intermediate

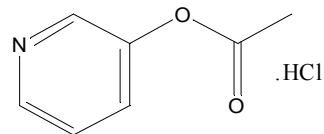
Product Name (s), CAS # & End use.

Structure & Molecular Formula

3-Pyridyl acetic acid hydrochloride

CAS NO. : 6419-36-9

End use : Risedronate sodium



C₇H₇NO₂.HCl

Zaleplon Intermediate

Product Name (s), CAS # & End use.

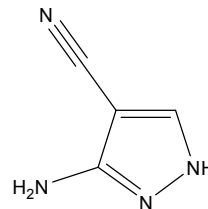
Structure & Molecular Formula

3 - Aminopyrazole-4-carbonitrile

3 - Amino - 4 - cyano pyrazole

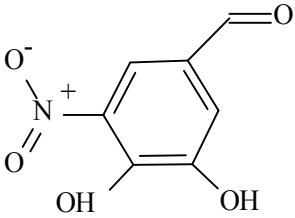
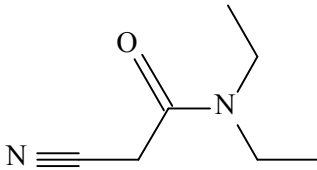
CAS NO. : 16617-46-2

End use : Zaleplon



C₄H₄N₄

Entacapone Intermediates

Product Name (s), CAS # & End use.	Structure & Molecular Formula
<p>3,4-Dihydroxy-5-nitro benzaldehyde</p> <p>CAS NO. : 116313 – 85 - 0</p> <p>End use : Entacapone</p>	 <p>C₇H₅NO₅</p>
<p>N,N-Diethyl-2-cyanoacetamide</p> <p>CAS NO. : 26391 - 06 -0</p> <p>End use : Entacapone</p>	 <p>C₇H₁₂N₂O</p>