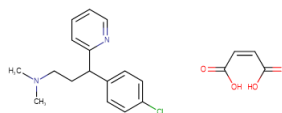


|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : Chlorpheniramine maleate                                                                             |
| <b>Synonyms</b>          | : Chlorprophenpyridamine (maleate); dl-Chlorpheniramine (maleate)                                      |
| <b>Cat No.</b>           | : M10490                                                                                               |
| <b>CAS Number</b>        | : 113-92-8                                                                                             |
| <b>Molecular Formula</b> | : C <sub>20</sub> H <sub>23</sub> ClN <sub>2</sub> O <sub>4</sub>                                      |
| <b>Formula Weight</b>    | : 390.87                                                                                               |
| <b>Chemical Name</b>     | : 3-(4-chlorophenyl)-N,N-dimethyl-3-(pyridin-2-yl)propan-1-amine maleate                               |
| <b>Description</b>       | : Chlorpheniramine (Chlorpheniramine maleate, Chlorphenamine) is an histamine H1 receptor antagonist . |
| <b>Pathway</b>           | : GPCR/G Protein                                                                                       |
| <b>Target</b>            | : Histamine Receptor                                                                                   |
| <b>Receptor</b>          | : H1 receptor                                                                                          |
| <b>Solubility</b>        | : Ethanol: 78 mg/mL (199.55 mM); Water: 78 mg/mL (199.55 mM); DMSO: 78 mg/mL (199.55 mM)               |
| <b>SMILES</b>            | : CN(C)CCC(C1=CC=CC=N1)C2=CC=C(Cl)C=C2C.O=C(O)/C=C/C(O)=O                                              |
| <b>Storage</b>           | : (-20°C)                                                                                              |
| <b>Stability</b>         | : ≥ 2 years                                                                                            |
| <b>Reference</b>         | :                                                                                                      |



1. Iemura R, et al. J Med Chem, 1986, 29(7), 1178-1183.