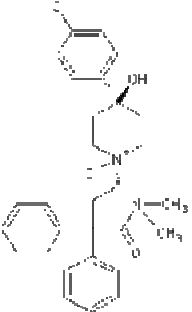


### LOPERAMIDE IMPURITY G

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|---|---|
| <p><b>Chemical name:</b> trans-4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-<math>\alpha,\alpha</math>-diphenyl-1-piperidinebutanamide 1-Oxide;<br/>Arestal; Loperamide Oxide; R 58425</p> | <p><b>CAS No. :</b> [106900-12-3]</p>   |
| <p><b>Category :</b> Impurities / Metabolite</p>  |   |
| <p><b>Molecular Formula :</b> C<sub>29</sub>H<sub>33</sub>ClN<sub>2</sub>O<sub>3</sub></p>  | <p><b>Structure:</b></p>  <p>The chemical structure shows a piperidine ring with a butanamide chain at the 1-position. The butanamide chain has a dimethylamino group at the 4-position and a 4-chlorophenyl-4-hydroxy group at the 3-position. The amide nitrogen is shown as an N-oxide.</p> |
| <p><b>Molecular Weight :</b> 493.05</p>   |   |
| <p><b>Product Code :</b> RBPL-L0602</p>   |   |