Loxoprofen (Sodium) - Drug Monograph - DrugInfoSys.com

Overview
Loxoprofen (Sodium) is NSAID (non-steroidal antinflammatory drug) and a prodrug of a propionic acid derivative. It has antiinflammatory and antipyretic properties. Loxoprofen (Sodium) is optically active and marketed as racemic mixture. Loxoprofen (Sodium) is not available in any combination preparations. Loxoprofen (Sodium) is administered orally.

Categories
- 2 Analgesics, antipyretics, NSAIDs, antigout, and antirheumatics
  - 2.1 Non-opioid analgesics
    - 2.1.3 Non steroidal anti-inflammatory drugs (NSAIDs)

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Primary Characteristics
It is of Synthetic origin and belongs to Propionic acid. It belongs to Cyclo-oxygenase inhibitor pharmacological group on the basis of mechanism of action and also classified in Analgesics and Anti-inflammatory Agents pharmacological group. The Molecular Weight of Loxoprofen (Sodium) is 304.30.

Its pKa is 4.2.

Indications

Pharmacokinetics
Volume of distribution is found to be 7.6 litre and plasma protien binding is 97.7%. and metabolism is reported Hepatic glucuvonidation. Renal Excretion accounts for 50% and plasma half life is 75 mins.
Contraindications

Loxoprofen (Sodium) is contraindicated in conditions like Peptic ulcer, Haematological disorders, Hypersensitivity.

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Drug Interactions

No data regarding the interactions of Loxoprofen (Sodium) was found.

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Side Effects

The severe or irreversible adverse effects of Loxoprofen (Sodium), which give rise to further complications include Anemia, Anemia, Eosinophilia, Hypersensitivity reactions, Anemia, Leukemia.

The symptomatic adverse reactions produced by Loxoprofen (Sodium) are more or less tolerable and if they become severe, they can be treated symptomatically, these include Anorexia, Abdominal pain, Rashes, Urticaria, Indigestion, Itching, Stomatitis, Heart burn, Increased intracranial pressure.

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Dosage

Loxoprofen (Sodium)'s dosage details are as follows:

<table>
<thead>
<tr>
<th>Dose</th>
<th>Single Dose</th>
<th>Frequency</th>
<th>Route</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult Dosage</td>
<td>60 to 120 mg</td>
<td>90 (90)</td>
<td>8 hourly</td>
<td>PO</td>
</tr>
<tr>
<td>Paedriatic Dosage (20kg)</td>
<td></td>
<td></td>
<td></td>
<td>Not recommended for this age group</td>
</tr>
<tr>
<td>Neonatal Dosage (3kg)</td>
<td></td>
<td></td>
<td></td>
<td>Not recommended in this age group</td>
</tr>
</tbody>
</table>

High Risk Groups

Drug should not be given to Paediatrics, Pregnant Mothers, patients suffering from Kidney dysfunction, patients suffering from Liver Malfuction, and Neonates.

If prescribing authority justifies the benefits of the drug against the possible damages he/she should reevaluate them and consult the reference material and previous studies.

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Warning / Precautions

Loxoprofen may mask the usual sings and symptoms of injection. Therefore this drug should be used with an appropriate antibacterial agent for infections inflammation. Close observation and careful administration is also needed under this condition.

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Storage Conditions
Interference in Pathology

- Increased Alkaline Phosphatase Levels
- Elevations of GOTand GPT

Brands / Trade Names of Loxoprofen (Sodium)

Click on the desired strength of the dosage form to view its available brands.

Single Ingredient

Tabs: 60 mg [AvailableBrands.aspx?query=60mg&form=Tabs&drugCode=909&drugName=Loxoprofen (Sodium)&Ing==1],
68.1 mg [AvailableBrands.aspx?query=68.1mg&form=Tabs&drugCode=909&drugName=Loxoprofen (Sodium)&Ing==1],

Multi ingredient

Tabs: 15 mg [AvailableBrands.aspx?query=15mg&form=Tabs&drugCode=909&drugName=Loxoprofen (Sodium)&Ing=>1],

Manufacturers of Loxoprofen (Sodium) in Pakistan

- Hilton
- Macter
- Medisure
- Wilshire