

Oslyt[®] (N-acetylcysteine)

Category:

Amino acid derivate, Mucolytic agent.

Mechanism of action:

The mucolytic action of acetylcysteine is related to the sulfhydryl group in the molecule. This group probably open disulfide linkages in mucous thereby lowering the viscosity. The mucolytic activity of acetylcysteine is unaltered by the presence of DNA and increases with increasing pH.

Pharmacokinetics:

Rapid and well absorbed after oral administration, peak plasma concentrations achieved within 1–2 hours. Acetylcysteine is Deacetylated in the liver to cysteine and 30% of drug is excreted in urine.

Indications:

Adjuvant therapy for patients with abnormal, viscid, or inspissated mucous secretions in such conditions as chronic bronchopulmonary disease

Usual dose:

Adults and adolescents older than 12 years: 600mg daily

Contraindications:

Sensitivity to acetylcysteine

Precautions:

Asthma, inability in cough

Pregnancy and breast feeding:

Pregnancy: Category B.

Breast feeding: Undetermined. Use with caution.

Drug interactions:

None well documented.

Side effects:

Vomiting, nausea, stomatitis, etc

Storage:

- Store below 30 °C.
- Protect from moisture and light.
- Keep out of the reach of children.
- After each use close the cap tightly.

Packaging:

Oslyte[®] effervescent tablets are available as 600 mg N-acetylcysteine in box of 10 tablets.