

Rabeprazole Sodium (Cas No 95510-70-6)

TAJMTF-GHJTQB5298

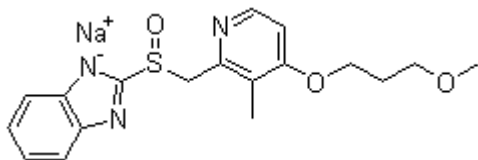
Taj Active Pharmaceutical Ingredients

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TAJ PHARMACEUTICALS LIMITED INDIA



Raw Material / Chemicals Index

Taj Pharmaceuticals Ltd. Rabeprazole Sodium (Cas No 95510-70-6)



Chemical Name: Sodium 2-[[4-(3-methoxypropoxy)-3-methyl-pyridin- yl]methylsulfinyl]benzoimidazole

Synonym: Sodium 2-[[4-(3-methoxypropoxy)-3-methyl-pyridin- yl]methylsulfinyl]benzoimidazole

Molecular Formula: C₁₈H₂₀N₃NaO₃S

Molecular Weight: 381.43

Specifications: Rabeprazole Sodium is available as per In house specifications

Packing: Export worthy packing

Application ANTI ULCERATIVES (Proton pump inhibitors)

Availability: For your requirements of evaluation, Pilots and Commercial procurement

Description: White or almost white colour powder, hygroscopic

Solubility: Freely soluble in Water, soluble in Chloroform, Methanol and Ethyl acetate

Melting point: Rabeprazole sodium melts at about 140°C with decomposition

Identification IR spectrum of the sample dispersed in KBr should exhibit maxima only at the same wave lengths

a) IR as that of similar preparation of the working standard

b) Test for sodium 0.1mL of the neutralized filtrate of the ignited residue gives reaction (b) of sodium

Water: Between 3.0% and 7.0% w/w

pH Between 10.0 and 12.0

Chromatographic purity

a) Any known Impurity Not more than 0.15%

b) other unknown individual impurity Not more than 0.10%

c) Total impurities Not more than 1.0%

Assay: Not less than 99.0% w/w and not more than 101.0% w/w on anhydrous basis

Stability and Reactivity:

Materials to avoid: Strong oxidizing agents.

Conditions to Avoid: Incompatible materials, light.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur dioxide.

Handling and Storage: Avoid breathing dust, vapor, mist, or gas. Keep container tightly closed. Avoid contact with skin and eyes. Wash thoroughly after handling. Mechanical exhaust required.

Storage: Store in a cool, dry place. Store in a tightly closed container. Store at 2-8 deg C.

Fire and Explosion Hazard Data

General Information: As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Accidental Release Measures:

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Disposal Consideration Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Indication of Danger: Irritant
Risk Phrases:
R 22 Harmful if swallowed.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WGK (Water Danger/Protection)

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