

**Rizatriptan Cas No. : 145202-66-0**

Rizatriptan is used to treat migraines. It helps to relieve headaches, pain and other symptoms of migraines, including sensitivity to light/sound, nausea, and vomiting. Prompt treatment allows you to get back to your normal routine and may decrease your need for other pain medications. Rizatriptan does not prevent future migraines or reduce how often you may get a headache.

Active Pharmaceuticals Ingredients Manufacturers

**Taj Pharmaceuticals Ltd.****Rizatriptan****CAS No. : 145202-66-0****Systematic (IUPAC) name**

N,N-dimethyl-2-[5-(1H-1,2,4-triazol-1-ylmethyl)-1H-indol-3-yl]ethanamine

**Identifiers**

CAS number 145202-66-0

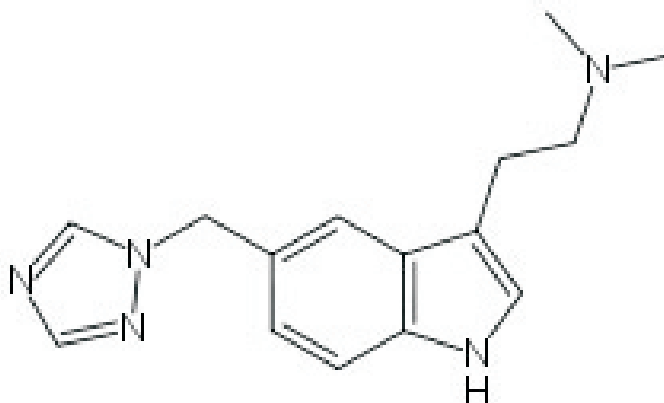
ATC code N02CC04

PubChem 5078

DrugBank APRD00008

**Chemical data**Formula C<sub>15</sub>H<sub>19</sub>N<sub>5</sub>

Mol. mass 269.345 g/mol

**Pharmacokinetic data**

Bioavailability 45%

Protein binding 14%

Metabolism by monoamine oxidase

Half life 2–3 hours

Excretion 82% urine; 12% faeces

This medication is used to treat acute migraine attacks. This drug does not prevent future migraine attacks.

Rizatriptan contains selective 5-hydroxytryptamine<sub>1B/1D</sub> (5-HT<sub>1B/1D</sub>) receptor agonist.

Rizatriptan is described chemically as: N,N-dimethyl-5-(1H-1,2,4-triazol-1-ylmethyl)-1H-indole-3-ethanamine mono and its structural formula is C<sub>15</sub>H<sub>19</sub>N<sub>5</sub>•C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>, representing a molecular weight of the free base of 269.4.

Rizatriptan is a white to off-white, crystalline solid that is soluble in water at about 42 mg per mL (expressed as free base) at 25°C.

**USES**

Rizatriptan is used to treat migraines. It helps to relieve headaches, pain and other symptoms of migraines, including sensitivity to light/sound, nausea, and vomiting.

Prompt treatment allows you to get back to your normal routine and may decrease your need for other pain medications. Rizatriptan does not prevent future migraines or reduce how often you may get a headache.

**HOW TO USE**

Take this medication by mouth at the first sign of a migraine, or as directed by your doctor. It may be taken with or without food, although faster relief may occur when it is taken on an empty stomach. Do not take rizatriptan to prevent a migraine. If there is no improvement in your symptoms, do not take any more doses of this medication before talking to your doctor.



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**Rizatriptan**

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If you have never taken this medication before and you have risk factors for heart disease you may be advised to take your first dose in your doctor's office in order to monitor for rare but serious heart problems. Your dosage is based on your medical condition and response to therapy.

### **SIDE EFFECTS**

Drowsiness, dizziness, dry mouth, numbness/tingling/prickling sensations, redness (flushing), tiredness/weakness may occur. If these effects persist or worsen, notify your doctor. Chest/jaw/neck tightness can commonly occur shortly after using rizatriptan. Only rarely are these signs of a serious condition. However, you may not be able to tell this apart from a serious reaction related to a lack of blood flow to the heart, brain or other parts of the body.

Seek immediate medical attention if any of these unlikely but very serious (rarely fatal) side effects occur: chest pain, jaw/left arm pain, fainting, fast/irregular/pounding heartbeat, vision changes, weakness on one side of the body, confusion, slurred speech, sudden or severe stomach/abdominal pain, bloody diarrhea. This medication may rarely cause a very serious condition called serotonin syndrome.

The risk increases when this medication is taken with certain other drugs such as other used to treat migraine headaches certain antidepressants including SSRIs and NSRIs. Before taking this drug, tell your doctor if you take any of these medications.

Serotonin syndrome may be more likely when you start or increase the dose of any of these medications. The unlikely event you have a serious allergic reaction to this drug, seek immediate medical attention. Symptoms of a serious allergic reaction include: rash, itching, swelling, severe dizziness, trouble breathing.

### **PRECAUTIONS**

Before taking rizatriptan, tell your doctor or pharmacist if you are allergic to it; or to other triptan migraine drugs; or if you have any other allergies. This medication should not be taken if you have certain medical conditions.

Before using this medication, consult your doctor or pharmacist if you have a history of: heart disease (e.g., chest pain, heart attack), decreased blood flow in the brain (e.g., stroke, transient ischemic attack), blood circulation disease (e.g., ischemic bowel disease), uncontrolled high blood pressure (hypertension), certain types of headaches (hemiplegic or basilar migraine).

This medication should be used only when clearly needed during pregnancy. Discuss the risks and benefits with your doctor.

### **MISSED DOSE**

Not applicable.

### **STORAGE**

Store at room temperature between 59-86 degrees F (15-30 degrees C) away from light and moisture. Do not store in the bathroom. Keep all medications away from children.



## DOSAGE

This drug is taken by mouth as directed for migraine attacks. Dosage is based on your medical condition and response. If no relief occurs after the first dose, consult your MD or Doctor. Doses are generally separated by at least 2 hours.

Doses should be separated by at least 2 hours; no more than 30 mg should be taken in any 24-hour period.

The safety of treating, on average, more than four headaches in a 30-day period has not been established. In patients receiving propranolol, the 5-mg dose of Rizatriptan should be used, up to a maximum of 3 doses in any 24-hour period.

If overdose is suspected, contact your local poison control center.

Symptoms of overdose may include unusual dizziness or drowsiness; slow, fast or irregular heartbeat; and vomiting.



**Note /Government Notification:** These chemicals are designated as those that are used in the manufacture of the controlled substances and are important to the manufacture of the substances. For any (Control Substance) products Import and Export \*\*\* subjected to your country government laws /control substance ACT.

Information: The information on this web page is provided to help you to work safely, but it is intended to be an overview of hazards, not a replacement for a full Material Safety Data Sheet (MSDS). MSDS forms can be downloaded from the web sites of many chemical suppliers. Also that the information on the PTCL Safety web site, where this page was hosted, has been copied onto many other sites, often without permission. If you have any doubts about the veracity of the information that you are viewing, or have any queries, please check the URL that your web browser displays for this page. If the URL begins "www.tajapi.com/www/Denatonium Benzoate.htm/" the page is maintained by the Safety Officer in Physical Chemistry at Oxford University. If not, this page is a copy made by some other person and we have no responsibility for it.

The Controlled Substances Act (CSA) was enacted into law by the Congress of the United States as Title II of the Comprehensive Drug Abuse Prevention and Control Act of 1970.[1] The CSA is the federal U.S. drug policy under which the manufacture, importation, possession, use and distribution of certain substances is regulated. The Act also served as the national implementing legislation for the Single Convention on Narcotic Drugs

This document plus the full buyer/ prescribing information, prepared for health professionals can be found at:

<http://www.tajapi.com>

or by contacting the sponsor, Taj Pharmaceuticals Limited., at:  
91 022 30601000.

This leaflet was prepared by  
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