Product Name: Rizatriptan benzoate
Catalog No.: 5136 Batch No.: 1
CAS Number: 145202-66-0
IUPAC Name: N,N-Dimethyl-5-(1H-1,2,4-triazol-1-ylmethyl)-1H-indole-3-ethanamine benzoate

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C_{15}H_{19}N_{5}C_{7}H_{6}O_{2}
Batch Molecular Weight: 391.47
Physical Appearance: White solid
Solubility: water to 100 mM
DMSO to 50 mM
Storage: Store at RT

2. ANALYTICAL DATA

HPLC: Shows 99.3% purity
\(^1\)H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

<table>
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<tr>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
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Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
Product Information

Product Name: Rizatriptan benzoate
Catalog No.: 5136
Batch No.: 1

Description:
5-HT$_{1B/1D}$ agonist. Antimigraine agent; attenuates effects of CGRP on light aversion in mice. Orally bioavailable.

Physical and Chemical Properties:
Batch Molecular Formula: C$_{15}$H$_{18}$N$_{5}$C$_{7}$H$_{6}$O$_{2}$
Batch Molecular Weight: 391.47
Physical Appearance: White solid
Minimum Purity: >99%

Storage: Store at RT
Solubility & Usage Info:
water to 100 mM
DMSO to 50 mM

Stability and Solubility Advice:
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).
Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:
SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References: