

**Product Name:**  $\beta$ -Adrenoceptor Agonist Tocriset™

**Catalog No.:** 1873

**Batch No.:** 3

### 1. Tocriset™ Description

A Tocriset™ consists of 3 to 5 key compounds that are active within a defined pharmacological area or a signaling pathway. Most compounds are supplied in a solid format in a specified molar amount so that solvent can be added *directly* to the vial. For example, addition of 500  $\mu$ L of solvent to a vial containing 5  $\mu$ mol of compound yields a 10 mM stock solution. Some compounds that are unsuitable for lyophilization are provided pre-dissolved in DMSO.

The  $\beta$ -Adrenoceptor Agonist Tocriset™ contains the listed products as lyophilised solids which can be used to activate  $\beta_1$ ,  $\beta_2$  and  $\beta_3$ -adrenoceptors.

Cat.No.	Product / Activity	Batch	Amount	Format
0948	<b>BRL 37344, sodium salt</b> Selective $\beta_3$ -adrenoceptor agonist	4	5 $\mu$ mol	Freeze-dried solid
1747	<b>Isoproterenol hydrochloride</b> Standard $\beta$ -adrenoceptor agonist	3	5 $\mu$ mol	Freeze-dried solid
4712	<b>Salmeterol xinafoate</b> Long-acting $\beta_2$ agonist	1	5 $\mu$ mol	Freeze-dried solid

### 2. Storage & Solubility

**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, unless indicated below. Wherever possible solutions should be made up and stored on the same day. Please note that the prepared stock solutions are light sensitive and should be protected from light.

Suitable solvents and maximum solubilities are detailed in Section 3. 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).

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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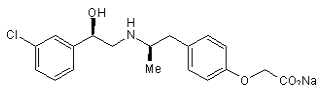
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**3. Additional Product Details**



**Product Name:** BRL 37344, sodium salt

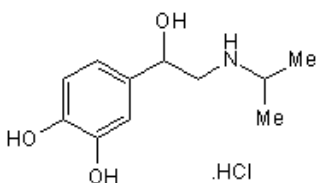
**Cat. No:** 0948

**Activity:**  $\beta$ 3 agonist

**Storage of unopened vial:** Store at RT

**Solubility & Usage Info:** Soluble to 100 mM in water

This product is freeze dried which may make it appear as a clear, thin film on the walls of the vial and therefore difficult to visualize.



**Product Name:** Isoproterenol hydrochloride

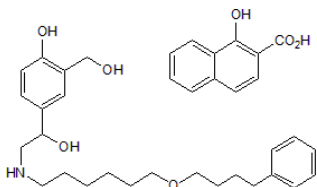
**Cat. No:** 1747

**Activity:** Standard selective  $\beta$  agonist

**Storage of unopened vial:** Store at RT LIGHT SENSITIVE

**Solubility & Usage Info:** Soluble to 100 mM in water

This product is freeze dried which may make it appear as a clear, thin film on the walls of the vial and therefore difficult to visualize.



**Product Name:** Salmeterol xinafoate

**Cat. No:** 4712

**Activity:** Long-acting  $\beta$ 2 agonist; bronchodilator

**Storage of unopened vial:** Desiccate at RT

**Solubility & Usage Info:** Soluble to 100 mM in DMSO and to 20 mM in ethanol

This product is freeze dried which may make it appear as a clear, thin film on the walls of the vial and therefore difficult to visualize.

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