

**Product Name: Mixed Adrenergic Tocriset™**

**Catalog No.: 1875**

**Batch No.: 2**

### 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 µL of solvent to a vial containing 5 µmol of compound yields a 10 mM stock solution. Some compounds that are unsuitable for lyophilization are provided pre-dissolved in DMSO.

The Mixed Adrenergic Tocriset™ contains the listed products either as lyophilised solids or pre-dissolved in DMSO to a stock concentration of 10 mM in 0.5 ml. The products can be used to investigate both  $\alpha$ - and  $\beta$ -adrenoceptor pharmacology.

Cat.No.	Product / Activity	Batch	Amount	Format
0425	<b>UK 14,304</b> $\alpha_2$ -adrenoceptor agonist	2	5 µmol	Freeze-dried solid
0623	<b>Prazosin hydrochloride</b> $\alpha_1$ and $\alpha_{2B}$ -adrenoceptor antagonist	4	5 µmol	Freeze-dried solid
0888	<b>Cirazoline hydrochloride</b> Selective $\alpha_1$ agonist	10	5 µmol	Freeze-dried solid
0952	<b>Sotalol hydrochloride</b> $\beta$ antagonist	3	5 µmol	Freeze-dried solid
1747	<b>Isoproterenol hydrochloride</b> Selective $\beta$ agonist	3	5 µmol	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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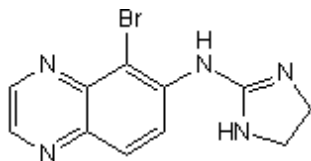
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**3. Additional Product Details**



**Product Name:** UK 14,304

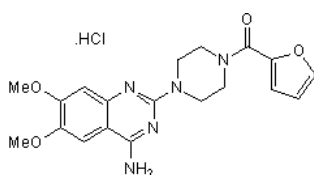
**Cat. No:** 0425

**Activity:** α2 agonist

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

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

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:** Prazosin hydrochloride

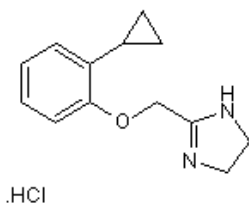
**Cat. No:** 0623

**Activity:** α1 and α2B antagonist. MT3 antagonist

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

**Solubility & Usage Info:** Soluble to 25 mM in DMSO and to 5 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.



**Product Name:** Cirazoline hydrochloride

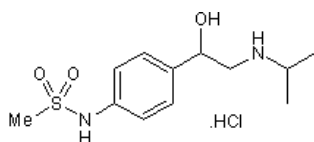
**Cat. No:** 0888

**Activity:** Selective α1 agonist

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

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

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:** Sotalol hydrochloride

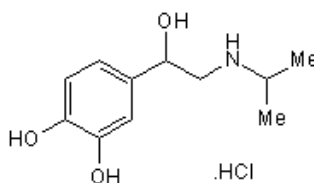
**Cat. No:** 0952

**Activity:** β antagonist

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

**Solubility & Usage Info:** Soluble to 50 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 β 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.

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