

Product Name: Histamine H₃ Receptor Tocriset™

Catalog No.: 1876

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 Histamine H₃ Receptor Tocriset™ contains the listed products as lyophilised solids which can be used to study the pharmacology of the histamine H₃ receptor.

Cat.No.	Product / Activity	Batch	Amount	Format
0569	(R)-(-)-α-Methylhistamine dihydrobromide Potent, selective H ₃ agonist	11	5 µmol	Freeze-dried solid
0644	Thioperamide H ₃ antagonist, active <i>in vivo</i>	15	5 µmol	Freeze-dried solid
0729	Imetit dihydrobromide Standard selective H ₃ agonist	4	5 µmol	Freeze-dried solid
0752	Clobenpropit dihydrobromide Highly potent, selective H ₃ antagonist	3	5 µmol	Freeze-dried solid
0779	Iodophenpropit dihydrobromide Potent, selective H ₃ antagonist	2	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

Product Information

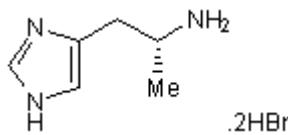
www.tocris.com

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3. Additional Product Details


Product Name: (R)-(-)- α -Methylhistamine dihydrobromide

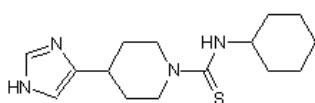
Cat. No: 0569

Activity: Potent, standard H3 agonist

Storage of unopened vial: Desiccate 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: Thioperamide

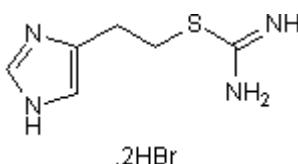
Cat. No: 0644

Activity: H3 antagonist and H4 inverse agonist

Storage of unopened vial: Store at -20°C

Solubility & Usage Info: Soluble to 100 mM in DMSO and to 100 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: Imetit dihydrobromide

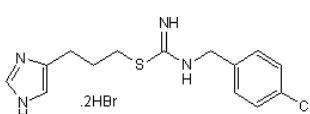
Cat. No: 0729

Activity: Standard H3 and H4 agonist (H3 > H4)

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: Clobenpropit dihydrobromide

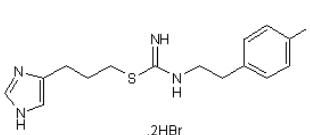
Cat. No: 0752

Activity: Highly potent H3 antagonist and H4 partial 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: Iodophenpropit dihydrobromide

Cat. No: 0779

Activity: Potent, selective H3 antagonist

Storage of unopened vial: Desiccate at +4°C LIGHT SENSITIVE

Solubility & Usage Info: Soluble to 25 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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