

Product Name: **Group I mGlu Receptor Tocriset™**

Catalog No.: **1826**

Batch No.: **6**

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 Group I mGlu Receptor Tocriset™ contains the listed products as lyophilised solids which can be used to investigate the pharmacology of Group I mGlu receptors.

Cat.No.	Product / Activity	Batch	Amount	Format
0188	L-Quisqualic acid Potent group I mGlu agonist	33	5 µmol	Freeze-dried solid
0337	(S)-MCPG Non-selective group I/group II antagonist	17	5 µmol	Freeze-dried solid
0805	(S)-3,5-DHPG Specific group I mGlu agonist	35	5 µmol	Freeze-dried solid
1212	MPEP hydrochloride Selective mGlu ₅ antagonist	10	5 µmol	Freeze-dried solid
1237	LY 367385 Selective mGlu _{1a} antagonist	9	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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Product Information

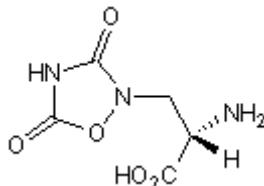
www.tocris.com

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3. Additional Product Details


Product Name: L-Quisqualic acid

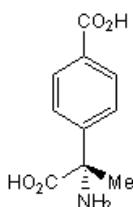
Cat. No: 0188

Activity: AMPA/group I mGlu agonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 100 mM in 1eq. NaOH and to 10 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: (S)-MCPG

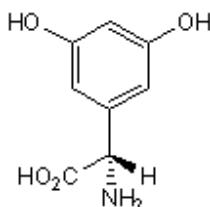
Cat. No: 0337

Activity: Non-selective mGlu antagonist. Active isomer of Cat. No. 0336

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 100 mM in 1.1eq. NaOH

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: (S)-3,5-DHPG

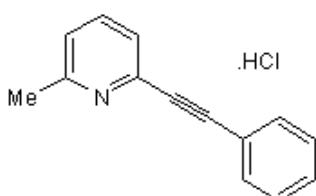
Cat. No: 0805

Activity: Selective group I mGlu agonist. Active enantiomer of 3,5-DHPG (Cat. No. 0342)

Storage of unopened vial: Desiccate at -20°C LIGHT SENSITIVE

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: MPEP hydrochloride

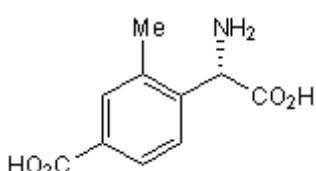
Cat. No: 1212

Activity: mGlu5 antagonist and positive allosteric modulator at mGlu4

Storage of unopened vial: Desiccate at +4°C

Solubility & Usage Info: Soluble to 5 mM in water with gentle warming 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: LY 367385

Cat. No: 1237

Activity: Selective mGlu1a antagonist

Storage of unopened vial: Desiccate at RT

Solubility & Usage Info: Soluble to 100 mM in 1.1eq. NaOH

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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