

Product Name: Mixed mGlu Receptor Tocriset™

Catalog No.: 1829

Batch No.: 5

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 mGlu Receptor Tocriset™ contains the listed products 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 study the pharmacology of metabotropic glutamate receptors.

Cat.No.	Product / Activity	Batch	Amount	Format
0103	L-AP4 Selective group III mGlu agonist	30	5 µmol	Freeze-dried solid
0337	(S)-MCPG Non-selective group I/group II mGlu antagonist	17	5 µmol	Freeze-dried solid
0805	(S)-3,5-DHPG Selective group I mGlu receptor agonist	35	5 µmol	Freeze-dried solid
0975	DCG IV Potent, selective group II agonist	20	5 µmol	Freeze-dried solid
1209	LY 341495 Potent group II/group III antagonist	14	0.5 ml	10 mM DMSO solution

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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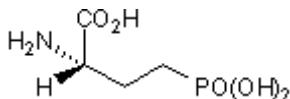
 www.tocris.com/distributors
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3. Additional Product Details



Product Name: L-AP4

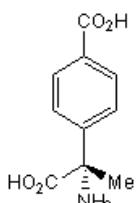
Cat. No: 0103

Activity: Selective group III mGlu agonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 5 mM in water and to 100 mM in 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)-MCPG

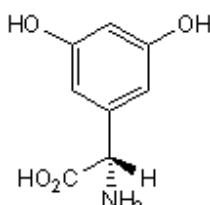
Cat. No: 0337

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

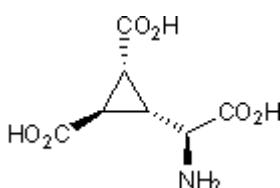
Cat. No: 0805

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: DCG IV

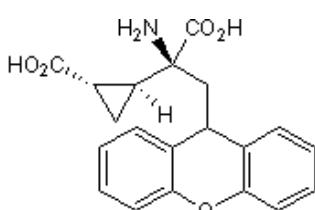
Cat. No: 0975

Activity: Very potent, selective group II mGlu agonist. Also NMDA agonist

Storage of unopened vial: Store at -20°C

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: LY 341495

Cat. No: 1209

Activity: Highly potent, selective group II antagonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: 10 mM DMSO solution

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