

Product Name: **Group III mGlu Receptor Tocriset™**Catalog No.: **1828**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 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 III mGlu Receptor Tocriset™ contains the listed products as lyophilised solids or pre-dissolved in DMSO to a stock concentration of 10 mM in 0.5ml. The products can be used to investigate the pharmacology of Group III mGlu receptors.

Cat.No.	Product / Activity	Batch	Amount	Format
0103	L-AP4 Selective group III mGlu agonist	28	5 µmol	Freeze-dried solid
0803	MSOP Specific group III antagonist	7	5 µmol	Freeze-dried solid
0972	CPPG Potent group III antagonist	9	5 µmol	Freeze-dried solid
1209	LY 341495 Potent group II/group III antagonist	10	0.5 mL	10 mM DMSO solution
1220	(RS)-PPG Potent, selective group III agonist	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).

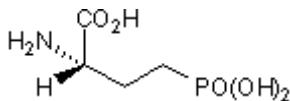
Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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3. Additional Product Details


Product Name: L-AP4

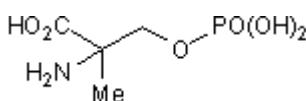
Cat. No: 0103

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: MSOP

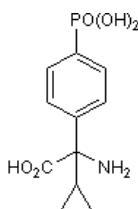
Cat. No: 0803

Activity: Specific group III mGlu antagonist

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: CPPG

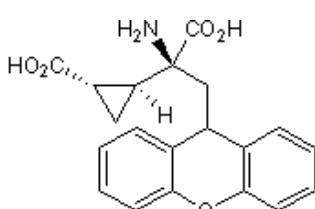
Cat. No: 0972

Activity: Potent group III mGlu antagonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 100 mM in 1eq. NaOH

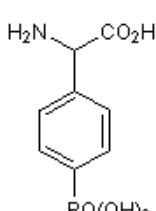
This product is freeze dried which may make it appear as a clear, thin film on the walls of the vial and therefore difficult to visualize.


Product Name: 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

Product Name: (RS)-PPG

Cat. No: 1220

Activity: Potent, selective mGlu8 agonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 100 mM in 1eq. NaOH

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