

Product Name: Mixed NMDA Receptor Tocriset™

Catalog No.: 1825

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

Cat.No.	Product / Activity	Batch	Amount	Format
0106	<b>D-AP5</b> Potent, selective NMDA antagonist	72	5 µmol	Freeze-dried solid
0114	<b>NMDA</b> Specific NMDA agonist	33	5 µmol	Freeze-dried solid
0312	<b>(RS)-(Tetrazol-5-yl)glycine</b> Potent NMDA agonist	4	5 µmol	Freeze-dried solid
0924	<b>(+)-MK 801 maleate</b> Non-competitive NMDA antagonist	9	5 µmol	Freeze-dried solid
1241	<b>CGS 19755</b> NMDA antagonist	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

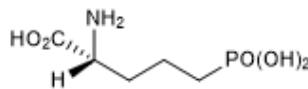
## Product Information

[www.tocris.com](http://www.tocris.com)
**Product Name:** Mixed NMDA Receptor Tocriset™

**Catalog No.:** 1825

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### 3. Additional Product Details


**Product Name:** D-AP5

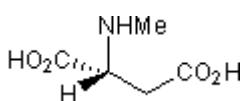
**Cat. No:** 0106

**Activity:** Potent, selective NMDA antagonist; more active form of DL-AP5 (Cat. No. 0105)

**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:** NMDA

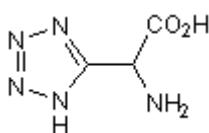
**Cat. No:** 0114

**Activity:** Selective NMDA 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:** (RS)-(Tetrazol-5-yl)glycine

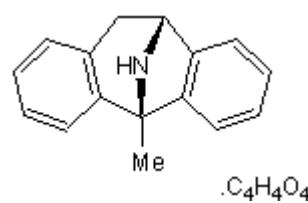
**Cat. No:** 0312

**Activity:** Highly potent NMDA receptor agonist

**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:** (+)-MK 801 maleate

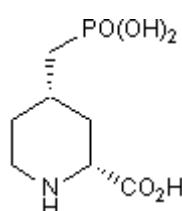
**Cat. No:** 0924

**Activity:** Non-competitive NMDA antagonist; acts at ion channel site

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

**Solubility & Usage Info:** Soluble to 25 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:** CGS 19755

**Cat. No:** 1241

**Activity:** Potent, competitive NMDA antagonist

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

**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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