

Product Name: NMDA Receptor - Glycine Site Tocriset™

Catalog No.: 1823

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 NMDA Receptor - Glycine Site Tocriset™ contains the listed products as lyophilised solids which bind to the strychnine-insensitive glycine site on NMDA receptors.

Cat.No.	Product / Activity	Batch	Amount	Format
0219	Glycine Endogenous potentiator	14	5 µmol	Freeze-dried solid
0237	7-Chlorokynurenic acid Glycine site NMDA antagonist	4	5 µmol	Freeze-dried solid
0281	(R)-(+)-HA-966 Partial agonist	10	5 µmol	Freeze-dried solid
0742	L-689,560 Glycine site NMDA antagonist	5	5 µmol	Freeze-dried solid
1493	CGP 78608 hydrochloride Glycine site NMDA antagonist	1	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

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475

China
info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa
Tel: +44 (0)1235 529449

Rest of World
www.tocris.com/distributors
Tel: +1 612 379 2956

Product Name: NMDA Receptor - Glycine Site Tocriset™

Catalog No.: 1823

Batch No.: 2

3. Additional Product Details



Product Name: Glycine

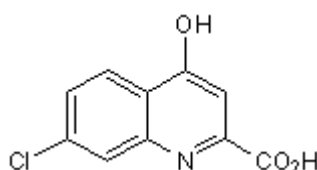
Cat. No: 0219

Activity: Endogenous potentiator, co-transmitter

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: 7-Chlorokynurenic acid

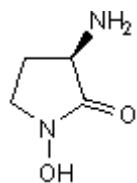
Cat. No: 0237

Activity: Potent competitive inhibitor of L-glutamate uptake

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble 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: (R)-(+)-HA-966

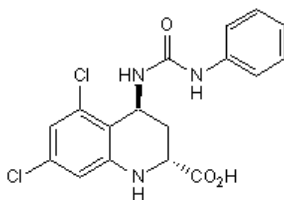
Cat. No: 0281

Activity: NMDA partial agonist/antagonist; acts at glycine site

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: L-689,560

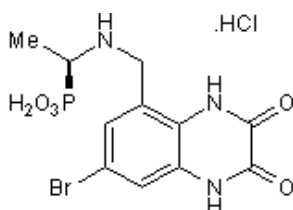
Cat. No: 0742

Activity: Very potent NMDA antagonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 25 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: CGP 78608 hydrochloride

Cat. No: 1493

Activity: Potent, selective glycine-site NMDA antagonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 100 mM in 2.2eq. 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.

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