

Product Name: Vanilloid TRPV1 Receptor Tocriset™

Catalog No.: 2181

Batch No.: 4

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 Vanilloid TRPV1 Receptor Tocriset™ contains the listed products as lyophilised solids which can be used to investigate the pharmacology of vanilloid TRPV1 receptors.

Cat.No.	Product / Activity	Batch	Amount	Format
0462	(E)-Capsaicin Prototypic vanilloid receptor agonist	7	5 µmol	Freeze-dried solid
0464	Capsazepine Vanilloid receptor antagonist	8	5 µmol	Freeze-dried solid
0934	Olvanil Potent vanilloid receptor agonist	3	5 µmol	Freeze-dried solid
1615	SB 366791 Potent, selective, competitive TRPV1 antagonist	1	5 µmol	Freeze-dried solid
1641	OLDA Potent vanilloid TRPV1 receptor 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

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

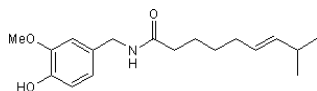
Rest of World
www.tocris.com/distributors
Tel: +1 612 379 2956

Product Name: Vanilloid TRPV1 Receptor Tocriset™

Catalog No.: 2181

Batch No.: 4

3. Additional Product Details



Product Name: (*E*)-Capsaicin

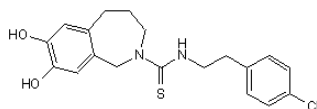
Cat. No: 0462

Activity: Prototypic vanilloid receptor agonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 50 mM in DMSO and to 50 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: Capsazepine

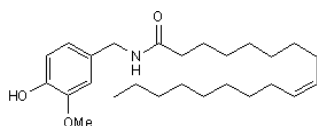
Cat. No: 0464

Activity: Vanilloid receptor antagonist; also activator of ENaCδ

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 25 mM in ethanol 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: Olvanil

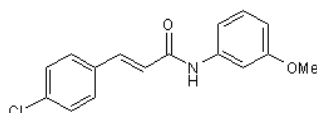
Cat. No: 0934

Activity: Potent vanilloid receptor agonist

Storage of unopened vial: Desiccate at -20°C

Solubility & Usage Info: Soluble to 100 mM in DMSO and to 25 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: SB 366791

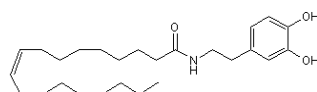
Cat. No: 1615

Activity: Potent, selective, competitive TRPV1 antagonist

Storage of unopened vial: Store at RT

Solubility & Usage Info: Soluble to 10 mM in ethanol 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: OLDA

Cat. No: 1641

Activity: Potent, selective endogenous TRPV1 agonist

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

Solubility & Usage Info: Soluble to 50 mM in DMSO and to 50 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.

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