

Product Name: PKA Tocriset™

Catalog No.: 1882

Batch No.: 10

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 PKA Tocriset™ contains the listed products which can be used to modulate PKA signalling. The products are supplied as lyophilised solids or pre-dissolved in 0.5 ml DMSO at various stock concentrations.

Cat.No.	Product / Activity	Batch	Amount	Format
1099	Forskolin Cell-permeable activator of adenylyl cyclase	3	0.5 ml	10 mM DMSO solution
1140	8-Bromo-cAMP, sodium salt Cell-permeable cAMP analogue; PKA activator	7	5 µmol	Freeze-dried solid
1288	KT 5720 Potent, selective inhibitor of PKA	17	0.5 ml	0.1 mM DMSO solution
1603	NKH 477 Water-soluble analogue of forskolin; activator of adenylyl cyclase	6	5 µmol	Freeze-dried solid
2910	H 89 dihydrochloride Protein kinase A inhibitor	5	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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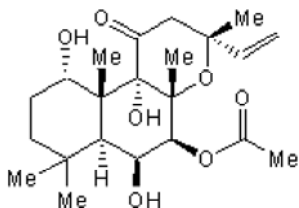
Tel: +1 612 379 2956

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3. Additional Product Details



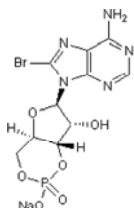
Product Name: Forskolin

Cat. No: 1099

Activity: Adenylyl cyclase activator

Storage of unopened vial: Desiccate at -20°C

Solubility & Usage Info: 10 mM DMSO solution



Product Name: 8-Bromo-cAMP, sodium salt

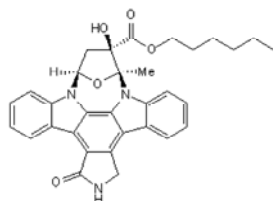
Cat. No: 1140

Activity: Cell-permeable cAMP analog

Storage of unopened vial: Desiccate 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.



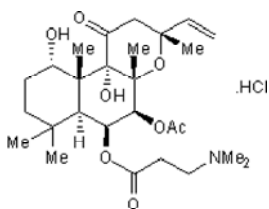
Product Name: KT 5720

Cat. No: 1288

Activity: Selective protein kinase A inhibitor

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

Solubility & Usage Info: 0.1 mM DMSO solution



Product Name: NKH 477

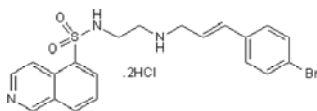
Cat. No: 1603

Activity: Water-soluble adenylyl cyclase activator

Storage of unopened vial: Desiccate at +4°C

Solubility & Usage Info: Soluble to 40 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: H 89 dihydrochloride

Cat. No: 2910

Activity: Protein kinase A inhibitor

Storage of unopened vial: Store at -20°C

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.

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