

Product Name: MEK Inhibitor Tocriset™

Catalog No.: 2243

Batch No.: 1

**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 MEK Inhibitor Tocriset™ contains the listed products which can be used to selectively inhibit MEK signalling. The products are supplied either as a solid (U0126) or pre-dissolved in DMSO at a stock concentration of 10 mM in 0.5 ml.

Cat.No.	Product / Activity	Batch	Amount	Format
1144	<b>U0126</b> Potent, selective inhibitor of MEK1 and MEK2	2	5 µmol	Freeze-dried solid
1213	<b>PD 98059</b> Specific inhibitor of MAPKK/MEK	3	0.5 mL	10 mM DMSO solution
1969	<b>SL 327</b> Selective inhibitor of MEK1 and MEK2; brain penetrant	1	0.5 mL	10 mM DMSO solution

**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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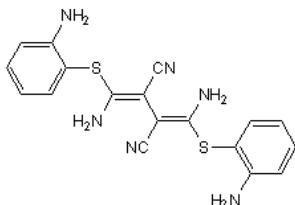
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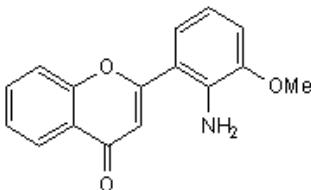
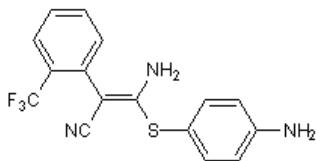
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**3. Additional Product Details****Product Name:** U0126**Cat. No:** 1144**Activity:** Potent, selective inhibitor of MEK1 and 2**Storage of unopened vial:** Desiccate at +4°C**Solubility & Usage Info:** Soluble to 100 mM in DMSO

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:** PD 98059**Cat. No:** 1213**Activity:** MEK inhibitor**Storage of unopened vial:** Store at RT**Solubility & Usage Info:** 10 mM DMSO solution**Product Name:** SL 327**Cat. No:** 1969**Activity:** Selective inhibitor of MEK1 and MEK2; brain penetrant**Storage of unopened vial:** Desiccate at +4°C LIGHT SENSITIVE**Solubility & Usage Info:** 10 mM DMSO solution

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