

## U-73122, Phospholipase C inhibitor

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| Catalog      | Unit  |
|--------------|-------|
| TBI1061-5MG  | 5 mg  |
| TBI1061-25MG | 25 mg |

### Product Details

**Formal Name:** 1-[6-[[[(17 $\beta$ )-3-Methoxyestra-1,3,5(10)-trien-17-yl]amino]hexyl]-1H-pyrrole-2,5-dione

**Molecular Formula:** C<sub>29</sub>H<sub>40</sub>N<sub>2</sub>O<sub>3</sub>

**Formula Weight:** 464.65

**CAS Number:** 112648-68-7

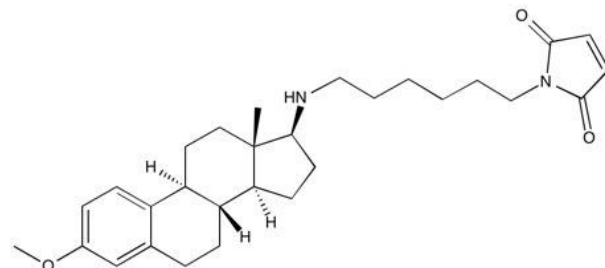
**Purity:** >98%

**Formulation:** powder

**Solubility:** Very soluble in Methylene chloride or Chloroform. Slightly soluble in DMSO (up to 2 mg/ml) or in Ethanol (up to 1 mg/ml).

**Storage:** RT

**Stability:**  $\geq$  1 year.



### Applications

Phospholipase C inhibitor

### Functions

Inhibits receptor-coupled phospholipase C-dependent processes in platelets and neutrophils via interfering with G protein-PLC interaction. A useful tool for probing the involvement of PI-PLC in receptor mediated cellular physiology and processes. Cell permeable.

### Application Procedures

First dissolved in Methylene chloride or Chloroform or DMSO (up to 2 mg/ml) or in Ethanol (up to 1 mg/ml), then diluted to aqueous buffer. Use caution when storing DMSO solutions. Typically solutions in DMSO can be stored at -20°C for approximately 2 months. However, any solutions that turn pink should be discarded.

**For research use only.**