

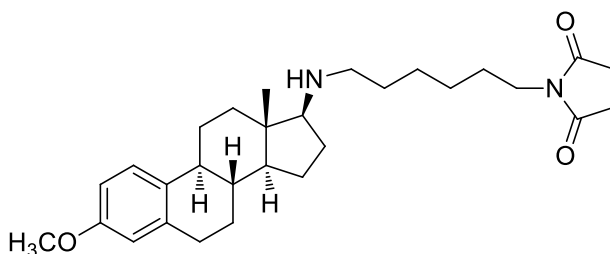
**Catalog # 10-1582**

**U-73343**

142878-12-4

1-[6-[[[(17 $\beta$ )-3-Methoxyestra-1,3,5(10)-trien-17-yl]ammonia]hexyl]-pyrrolidine-2,5-dione

Lot # X103001



Negative control for phospholipase C inhibitor U-73122<sup>1,2</sup>. Elicits unexpected effects on rabbit parietal cells<sup>3</sup>. Cell permeable.

- 1) Bleasdale *et al.* (1990), *Selective inhibition of receptor-coupled phospholipase C-dependent processes in human platelets and polymorphonuclear neutrophils*; J. Pharmacol. Exp. Ther., **255** 756
- 2) Morley *et al.* (1992), *A new, nongenomic estrogen action: the rapid release of intracellular calcium*; Endocrinology, **131** 1305
- 3) Muto *et al.* (1997), *The putative phospholipase C inhibitor U73122 and its negative control, U73343, elicit unexpected effects on the rabbit parietal cell*; J. Pharmacol. Exp. Ther., **282** 1379

**PHYSICAL DATA**

Molecular Weight:	466.66
Molecular Formula:	C <sub>29</sub> H <sub>42</sub> N <sub>2</sub> O <sub>3</sub>
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	Soluble in Chloroform or methylene chloride. Slightly soluble in DMSO (up to 2 mg/ml) or ethanol (up to 1 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Dried aliquots prepared from chloroform solutions are stable at -20°C for at least a month. It is preferable to dissolve U-73343 just before use if at all possible. Use caution and retest potency if attempting to reuse stored solutions.

**Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.**