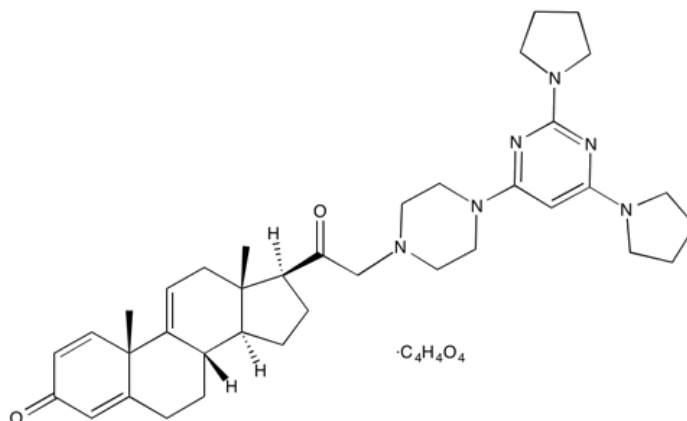


**Catalog # 10-1110**

**U-74389G**

CAS# 153190-29-5

21-[4-(2,6-Di-1-pyrrolidinyl-4-pyrimidinyl)-1-piperazinyl]pregna-1,4,9[11]-triene-3,20-dione maleate salt  
Lot # X102066



U-74389G is an antioxidant and Inhibits iron-mediated lipid peroxidation.<sup>1</sup> It has also been shown to reduce free radical-mediated injury after ischemia and reperfusion.<sup>2,3</sup>

- 1) Braugher *et al* (1987) *Novel 21-aminosteroids as potent inhibitors of iron-dependent lipid peroxidation.* J.Biol.Chem. **262** 10438
- 2) Campo *et al.* (1996) *Protection of ischemic and reperfused rat myocardium by the nonglucocorticoid 21-aminosteroid U-74389G, a new inhibitor of lipid peroxidation* J. Pharmacol. Exp. Ther. **277** 333
- 3) Perna *et al.* (1996) *Protection of rat heart from ischaemia-reperfusion injury by the 21-aminosteroid U-74389G* Pharmacol. Res. **34** 25

**PHYSICAL DATA**

Molecular Weight:	726.90
Molecular Formula:	C <sub>37</sub> H <sub>50</sub> N <sub>6</sub> O <sub>2</sub> ·C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>
Purity:	98% by TLC
	NMR: Conforms
Solubility:	DMSO (at least 25 mg/mL)
Physical Description:	White
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO may be stored at -20°C for up to 3 months.

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