



LKT Laboratories, Inc.

U-74389G

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Product Information

Product ID U8000

CAS No. 153190-29-5

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

Synonym U74389G, U-74389G maleate

Formula $C_{37}H_{50}N_6O_2 \cdot C_4H_4O_4$

Formula Wt. 726.92

Melting Point

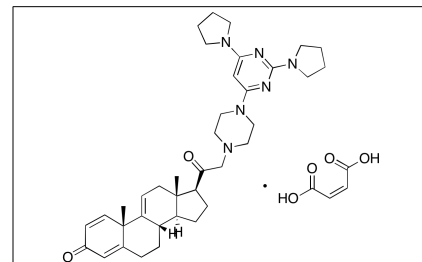
Purity $\geq 95\%$

Solubility Soluble in DMSO(25 mg/ml)
and ethanol (25 mg/ml).

Store Temp -20°C

Ship Temp Ambient

Description U-74389G is an antioxidant that exhibits free radical-scavenging protective effects on ischemia/reperfusion injured liver in Wistar rat models. Short-term administration has been shown to improve renal function. It has also been demonstrated to produce an anti-inflammatory activity in the Wistar rat model of colitis.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
U8000	25 mg	\$34.80
U8000	100 mg	\$115.80

References Bonatsos V, Kappas I, Birbas K, et al. Effects of U-74389G (21-Lazaroid) and ascorbic acid on liver recovery after acute ischemia and reperfusion in rats. In Vivo. 2015 Sep-Oct; 29(5):585-594. PMID: 26359418.

Tsompos C, Panoulis C, Toutouzas K, et al. The effect of the antioxidant drug "U-74389G" on creatinine levels during ischemia reperfusion injury in rats. Curr Urol. 2016 May; 9(2):73-78. PMID: 27390579.

Margonis GA, Christoloukas N, Antoniou E, et al. Effectiveness of sildenafil and U-74389G in a rat model of colitis. J Surg Res. 2015 Feb; 193(2):667-674. PMID: 25277360.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.