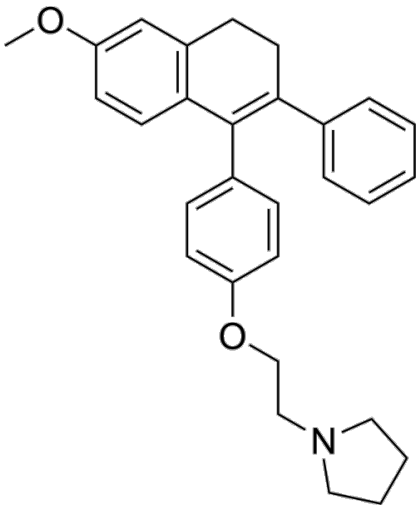
Product Data Sheet

Product Name: Nafoxidine
Cat. No.: GC73105

Chemical Properties

Cas. No.	1845-11-0		
Formula	$C_{29}H_{31}NO_2$	M.Wt	425.56
Solubility	DMSO : 25 mg/mL (58.75 mM; Need ultrasonic)	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Nafoxidine, a nonsteroidal estrogen antagonist, is shown to possess antitumor activity against breast cancer.

References:
[1]. Sato M, Rippy MK, Bryant HU. Raloxifene, tamoxifen, nafoxidine, or estrogen effects on reproductive and nonreproductive tissues in ovariectomized rats. FASEB J. 1996;10(8):905-912.
[2]. De Lorenzo MS, Farina HG, Alonso DF, Gomez DE. Role of protein kinase C-dependent

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signaling pathways in the antiangiogenic properties of nafoxidine. Anticancer Res. 2004;24(3a):1737-1743.
[3]. Yaz G, Kabadere S, Oztopçu P, Durmaz R, Uyar R. Comparison of the antiproliferative properties of antiestrogenic drugs (nafoxidine and clomiphene) on glioma cells in vitro. Am J Clin Oncol. 2004;27(4):384-388.

Caution: Product has not been fully validated for medical applications. For research use only.
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