

## Product Data Sheet

Product Name: Nafoxidine

Cat. No.: GC73105

### Chemical Properties

Cas. No. 1845-11-0

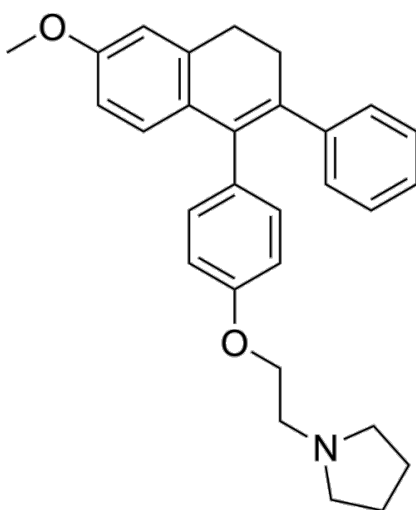
Formula  $C_{29}H_{31}NO_2$  M.Wt 425.56

Solubility DMSO : 25 mg/mL (58.75 mM; Need ultrasonic) Storage  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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

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

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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.

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