Data Sheet (Cat.No.T23647)

TargetMol

Zindoxifene

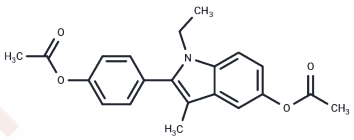
Chemical Properties

CAS No. : 86111-26-4

Formula: C21H21NO4

Molecular Weight: 351.4

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Zindoxifene (D 16726) is an anti-estrogenic compound with antitumor activity that can be used in studies of breast and prostate cancer.
Targets(IC50)	Estrogen Receptor/ERR,Others,Estrogen/progestogen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8458 mL	14.2288 mL	28.4576 mL
5 mM	0.5692 mL	2.8458 mL	5.6915 mL
10 mM	0.2846 mL	1.4229 mL	2.8458 mL
50 mM	0.0569 mL	0.2846 mL	0.5692 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Stein RC, et al. Phase I/II study of the anti-oestrogen zindoxifene (D16726) in the treatment of advanced breast cancer. A Cancer Research Campaign Phase I/II Clinical Trials Committee study. Br J Cancer. 1990 Mar;61(3):451-3.
Schneider MR,et al. Effect of zindoxifene on experimental prostatic tumours of the rat. J Cancer Res Clin Oncol. 1991;117(1):33-6.
von Angerer E,et al. The effect of a combination of zindoxifene and cisplatin on Dunning R3327-G prostatic carcinomas of the rat. J Cancer Res Clin Oncol. 1992;118(5):339-43.
Robinson SP,et al. In vitro estrogenic actions in rat and human cells of hydroxylated derivatives of D16726 (zindoxifene), an agent with known antimammary cancer activity in vivo. Cancer Res. 1988 Feb 15;48(4):784-7.

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