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**Product Data Sheet**

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Product Name: MCI826  
Cat. No.: GC33375

**Chemical Properties**

Cas. No. 140646-80-6

SMILES O=C(O)C(CC)(CC)CC(NC1=CC=CC(/C=C/C2=NC(C(C)C)=CS2)=C1)=O

Formula C22H28N2O3S M.Wt 400.53

Solubility Soluble in DMSO Storage Store at -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**

MCI826 is a P-glycoprotein (P-gp) antagonist.

[1]. Morad SA, et al. Tamoxifen magnifies therapeutic impact of ceramide in human colorectal cancer cells independent of p53. *Biochem Pharmacol.* 2013 Apr 15;85(8):1057-65.

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

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