
Product Data Sheet

Product Name: N-Desmethyltamoxifen

Cat. No.: GC25662

Chemical Properties

Cas. No. 31750-48-8

Formula C₂₅H₂₇NO

M.Wt 357.49

Solubility DMSO: 72 mg/mL (201.40 mM);Water: Insoluble;Ethanol:
36 mg/mL (100.70 mM)Storage Store at
-20°CGeneral 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**

N-Desmethyltamoxifen, the major metabolite of Tamoxifen in humans and a ten-fold more potent protein kinase C (PKC) inhibitor than Tamoxifen, also is a potent regulator of ceramide metabolism in human AML cells, limiting ceramide glycosylation, hydrolysis, and sphingosine phosphorylation.

[1] Vertosick FT Jr, et al. J Neurooncol. 1994;19(2):97-103. [2] Morad SA, et al. Biochim Biophys Acta. 2015 Jul;1851(7):919-28.

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

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