
Product Data Sheet

Product Name: Toremifene-d6 citrate

Cat. No.: GC63329

Chemical Properties

Cas. No. 1246833-71-5

Formula $C_{32}H_{30}D_6ClNO_8$ M.Wt 604.12

Solubility 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**

Toremifene-d₆ is intended for use as an internal standard for the quantification of toremifene by GC- or LC-MS. Toremifene is an orally bioavailable selective estrogen receptor modulator (SERM) that evokes tissue-dependent effects similar to that of tamoxifen.¹ It has been shown to block estrogen-stimulated growth of MCF-7 breast cancer cells grown in tissue culture, to inhibit ovariectomy-induced bone loss in rats, and to stimulate endometrial growth similar to that of tamoxifen.¹

1. Goldstein, S.R., Siddhanti, S., Ciaccia, A.V., et al. A pharmacological review of selective oestrogen receptor modulators. *Hum. Reprod. Update* 6(3)212-224(2000)

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

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