
Product Data Sheet

Product Name: Trans (2,3)-Dihydrotetrabenazine

Cat. No.: GC37820

Chemical Properties

Cas. No. 171598-74-6

SMILES COC(C=C1CCN2C[C@H](CC(C)C)[C@@H](O)C3)=C(C=C1[C@]23[H])OCFormula C₁₉H₂₉NO₃ M.Wt 319.44

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**

Trans (2,3)-Dihydrotetrabenazine, a metabolite of Tetrabenazine, shows remarkable inhibition activity on vesicular monoamine transporter (VMAT2)[1].

[1]. Kilbourn M, et al. Binding of alpha-dihydrotetrabenazine to the vesicular monoamine transporter is stereospecific. Eur J Pharmacol. 1995 May 24;278(3):249-52.

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

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