
Product Data Sheet

Product Name: Levorin Complex

Cat. No.: GC40031

Chemical Properties

Cas. No. 1403-17-4

Formula C₅₉H₈₄N₂O₁₈ (for Levorin A₂)

M.Wt 1109.3

Solubility DMF: soluble, DMSO: soluble, heated, Ethanol: soluble, Methanol: soluble

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**

Levorin complex is a macrocyclic heptaene antifungal complex originally isolated from *S. griseus*. It is active against *C. albicans*, *T. glabrata*, *A. niger*, *T. mentagrophytes*, and *T. soudanense* in vitro (MICs = 0.03-25 µg/ml). Oral administration of levorin complex reduces mortality in a mouse model of *C. albicans* infection with a protective dose (PD50) value of 25 mg/kg. This product is a mixture of levorin A0, levorin A2, and levorin A3.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA