
Product Data Sheet

Product Name: Benin (Butocin)

Cat. No.: GC33174

Chemical Properties

Cas. No. 22181-94-8

SMILES O=C(OCC)CNC(CCCCSC1=C2N=CNC2=NC=N1)=OFormula $C_{14}H_{19}N_5O_3S$ M.Wt 337.4

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**

Benin is a potent cytostatic drug that can be used for the treatment of generalized carcinoma of the breast.

Benin is a cytostatic drug, but inactive in the standard plate incorporation method of Ames reversion test using four Salmonella typhimurium strains[1].

[1]. J. Marhan. Mutagenicity of cytostatic drugs in a bacterial system. Folia Microbiologica October 1995, Volume 40, Issue 5, pp 462-466.

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