

Product Data Sheet

Product Name: Iclaprim (AR-100)

Cat. No.: GC32098

Chemical Properties

Cas. No. 192314-93-5

SMILES NC1=NC=C(CC2=C3C=CC(C4CC4)OC3=C(OC)C(OC)=C2)C(N)=N1

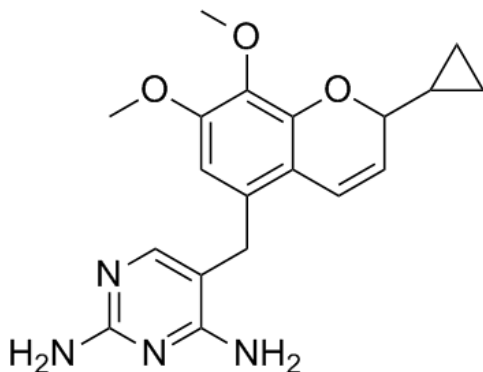
Formula $C_{19}H_{22}N_4O_3$ M.Wt 354.4

Solubility DMSO : 30 mg/mL (84.65 mM) 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

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

Product Data Sheet

Iclaprim is a new selective bacterial Dihydrofolate inhibitor, which can inhibit the growth of *S. aureus* (MRSA) with an MIC90 of 0.06 µg/mL.

Iclaprim inhibits the growth of *S. aureus* (MRSA) with an MIC90 of 0.06 µg/mL[2].

[1]. Schneider P, et al. Iclaprim, a novel diaminopyrimidine with potent activity on trimethoprim sensitive and resistant bacteria. *Bioorg Med Chem Lett*. 2003 Dec 1;13(23):4217-21. [2]. Kohlhoff SA, et al. Iclaprim. *Expert Opin Investig Drugs*. 2007 Sep;16(9):1441-8.

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