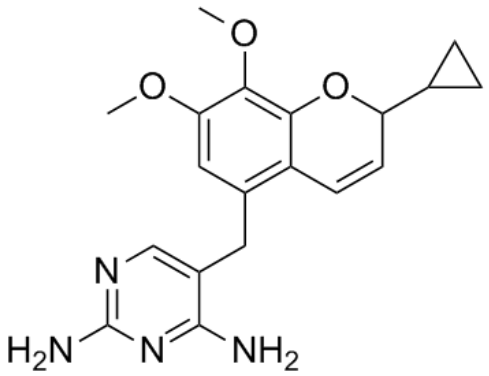
Product Data Sheet

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

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.
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