
Product Data Sheet

Product Name: Etzadroxil

Cat. No.: GC62964

Chemical Properties

Cas. No. 2983-38-2

Formula $C_8H_{16}O_2$

M.Wt 144.21

Solubility DMSO : 100 mg/mL (693.43 mM; Need ultrasonic)

Storage

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**

Etzadroxil (Ethyl 2-Ethylbutyrate) is a volatile ester compound. Sulopenem Etzadroxil is an orally available ester prodrug form of Sulopenem, an antibiotic with broad-spectrum activities against Gram-positive and Gram-negative bacteria[1][2].

Sulopenem Etzadroxil is an orally available ester prodrug form of sulopenem. After oral administration of sulopenem etzadroxil, the ester bond is cleaved, releasing active Sulopenem[2].

[1]. Roberto Rodríguez Madrera, et al. Determination of volatile compounds in cider spirits by gas chromatography with direct injection. J Chromatogr Sci. 2007 Aug;45(7):428-34.

[2]. Ben Turner, et al. Interscience Conference on Antimicrobial Agents and Chemotherapy--49th annual meeting. Part 2. 12-15 September 2009, San Francisco, CA, USA. IDrugs. 2009 Nov;12(11):670-2.

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

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