
Product Data Sheet

Product Name: Ethopabate (Ethyl pabate)

Cat. No.: GC32218

Chemical Properties

Cas. No. 59-06-3

SMILES O=C(OC)C1=CC=C(NC(C)=O)C=C1OCC

Formula $C_{12}H_{15}NO_4$

M.Wt 237.25

Solubility DMSO : 106 mg/mL (446.79 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

Ethopabate is a coccidiostat.^{1,2} *In vivo*, ethopabate reduces lesion score in broiler chickens infected with *E. tenella*, *E. acervulina*, and *E. maxima* field isolates when administered in combination with the antiprotozoal agent amprolium . Ethopabate has been found as a contaminant in environmental waters.³ Formulations containing ethopabate have been used to prevent coccidiosis in broiler chickens.

1.Mathis, G.F., and McDougald, L.R. Drug responsiveness of field isolates of chicken Coccidia. Poul. Sci. 61(1)38-45(1982)
2.Oe, O., and Arakawa, A. Effect of feed additive antibiotics on chickens infected with *Eimeria tenella*. Poul. Sci. 54(4)1008-1018(1975)
3.Mooney, D., Coxon, C., Richards, K.G., et al. A new sensitive method for the simultaneous chromatographic separation and tandem mass spectrometry detection of anticoccidials, including highly polar compounds, in environmental waters. J. Chromatogr. A 1618460857(2020)

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

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