
Product Data Sheet

Product Name: Diloxanide furoate

Cat. No.: GC32243

Chemical Properties

Cas. No. 3736-81-0

SMILES O=C(C1=CC=CO1)OC2=CC=C(N(C(C(Cl)Cl)=O)C)C=C2Formula $C_{14}H_{11}Cl_2NO_4$

M.Wt 328.15

Solubility DMSO : ≥ 50 mg/mL (152.37 mM); Ethanol : 20 mg/mL (60.95 mM); Water : < 0.1 mg/mL (insoluble)Store
Storage 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**

Diloxanide furoate is a luminal amebicide used in the treatment of Amebiasis, is considered the luminal agent of choice for mild intestinal amebiasis or asymptomatic cyst carriers.

[1]. Castro Hermida JA, et al. Inhibition of Cryptosporidium infection in mice treated with a cyclodextrin inclusion complex with diloxanide furoate. Parasitol Res. 2001 Jun;87(6):449-52. [2]. Martínez-Castillo M, et al. Flavonoids as a Natural Treatment Against Entamoeba histolytica. Front Cell Infect Microbiol. 2018 Jun 22;8:209.

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

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