
Product Data Sheet

Product Name: Nifursol
Cat. No.: GC32249

Chemical Properties

Cas. No. 16915-70-1

SMILES O=C(N/N=C/C1=CC=C([N+][O-])=O)O1)C2=CC([N+][O-])=O=CC([N+][O-])=O)=C2O

Formula $C_{12}H_7N_5O_9$ M.Wt 365.21

Solubility DMSO : ≥ 36 mg/mL (98.57 mM) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Nifursol is an antiprotozoal.¹ Dietary administration of nifursol (37.5-100 ppm) reduces morbidity and mortality in a turkey model of histomoniasis. Formulations containing nifursol have previously been used in the prevention of histomoniasis in poultry.

1. Sullivan, T.W., Mitchell, R.J., and Grace, O.D. Prophylactic efficacy of nifursol against different levels of exposure to histomoniasis in turkeys 4 to 9 weeks of age. *Poult. Sci.* 51(6):1956-1959 (1972)

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