
Product Data Sheet

Product Name: Nitroxynil

Cat. No.: GC62369

Chemical Properties

Cas. No. 1689-89-0

Formula $C_7H_3IN_2O_3$

M.Wt 290.01

Solubility DMSO : 100 mg/mL (344.82 mM;
Need ultrasonic)Storage 4°C, protect from light, stored
under nitrogen

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**

Nitroxynil, anthelmintic agent, is active against parasites in both adult and immature stages. Nitroxynil is widely used for the research of infection of *Fasciola hepatica*[1][2][3].

[1]. Holsback L, et, al. Anthelmintic efficiency of doramectin, fenbendazole, and nitroxynil, in combination or individually, in sheep worm control. *Rev Bras Parasitol Vet.* Jul-Sep 2016;25(3):353-8.

[2]. Takeba K, et, al. [Investigation of the residue of the fasciolicide nitroxynil in milk and dairy products]. *Nihon Koshu Eisei Zasshi.* 1992 Feb;39(2):75-82.

[3]. Na G, et, al. A rapid colloidal gold-based immunochromatographic strip assay for monitoring nitroxynil in milk. *J Sci Food Agric.* 2020 Mar 30;100(5):1860-1866.

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

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