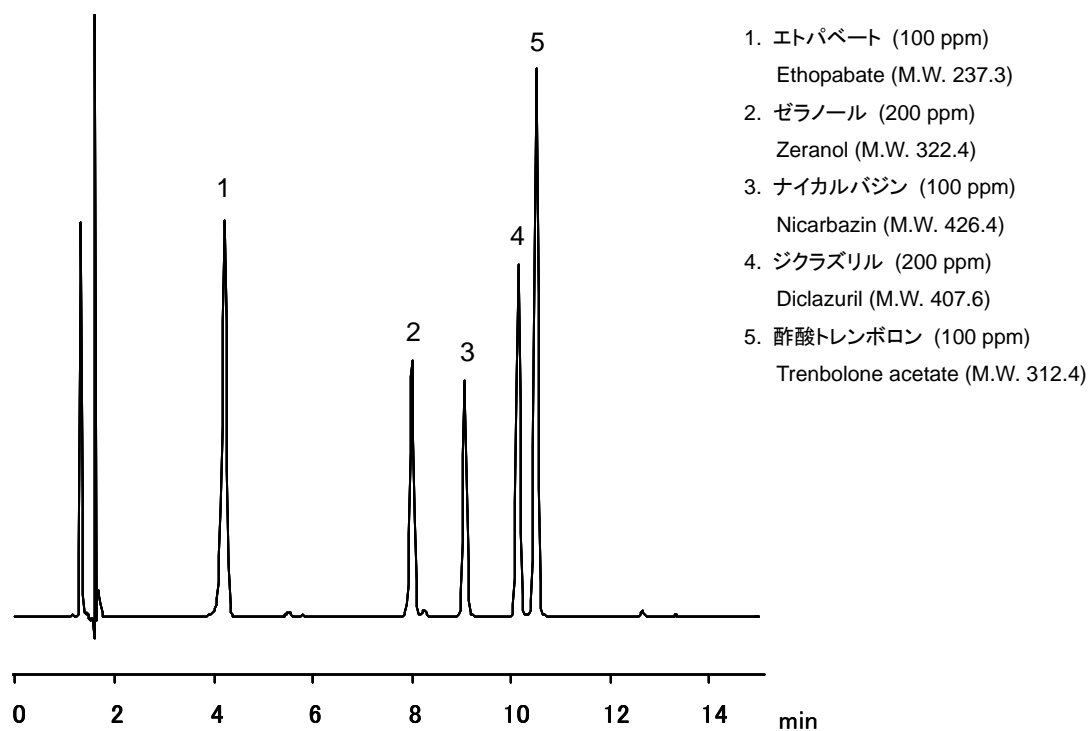


## 抗原虫剤, ホルモン剤      Antiprotozoal agents, Hormone drugs

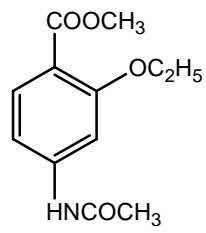


### 【HPLC Conditions】

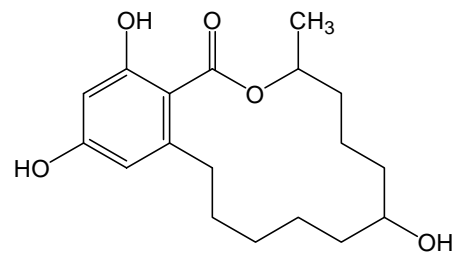
Column : CAPCELL PAK C<sub>18</sub> MGII S5 ; 4.6 mm i.d. x 150 mm  
Mobile phase : A) 0.1 vol% HCOOH, B) 0.1 vol% HCOOH in CH<sub>3</sub>OH  
B 50 % (0.0 min) -> 100 % (15.0 min) -> 100 % (20.0 min) -> 50 % (20.1 min) -> 50 % (30.0 min) Gradient  
Flow rate : 1 mL/min  
Temperature : 40 °C  
Detection : UV 300 nm  
Inj. vol. : 5 μL  
Sample dissolved in : Five 1000-ppm solutions were prepared by dissolving zeranol in *N,N*-dimethylformamide (DMF) and other four compounds in methanol, respectively. 200 μL of zeranol, 200 μL of diclazuril, and 100 μL of other three solutions were mixed together. DMF / CH<sub>3</sub>OH (1/1) was added to the mixture to make it 1 mL.  
※ 1 μg/mL = 1 ppm

### 【References】

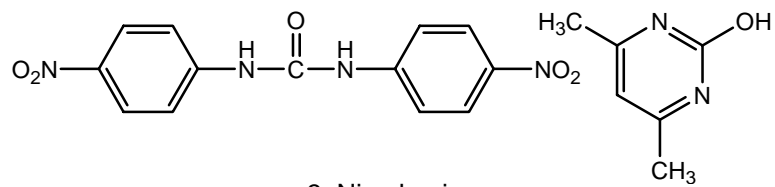
1) Bunseki 2004, **9**, The Japan Society for Analytical Chemistry



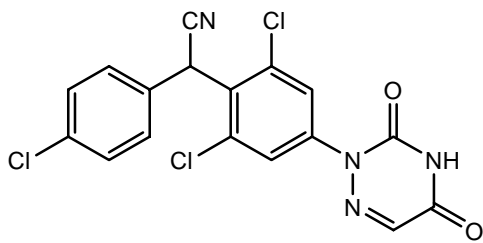
1. Ethopabate



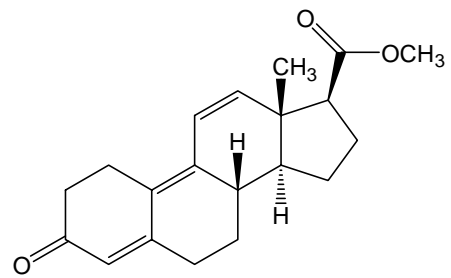
2. Zeranol



3. Nicarbazin



4. Diclazuril



5. Trenbolone acetate