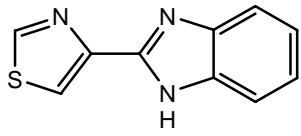


【HPLC Conditions】

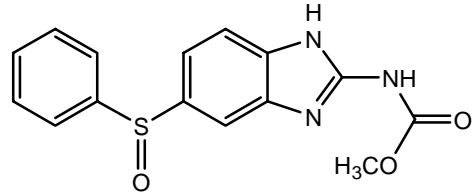
- Column : CAPCELL PAK C₁₈ MGII S5 ; 4.6 mm i.d. x 150 mm
- Mobile phase : A) 0.1 mol/L (NH₄)₂CO₃, B) CH₃OH
B 35 % (0.0 min) -> 90 % (15.0 min) -> 90 % (20.0 min) -> 10 % (20.1 min) -> 10 % (30.0 min) Gradient
- Flow rate : 1 mL/min
- Temperature : 40 °C
- Detection : UV 290 nm
- Inj. vol. : 5 μL
- Sample dissolved in : Each compound was separately dissolved in *N,N*-dimethylformamide (DMF) at 1000 ppm. 50 μL of thiabendazole and 100 μL of all the other solutions were mixed together. The mixture was diluted to 1 mL by adding a mixed solution (DMF / mobile phase A = 1 / 1), and was introduced to HPLC.
- ※ 1 μg/mL = 1 ppm

【References】

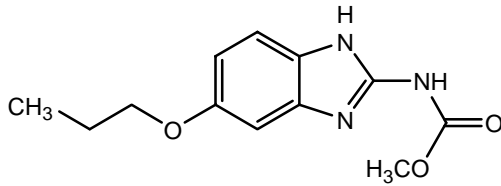
- 1) Bunseki 2004, 9, The Japan Society for Analytical Chemistry



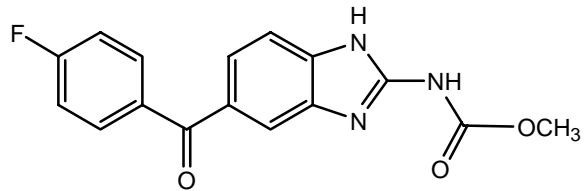
1. Thiabendazole



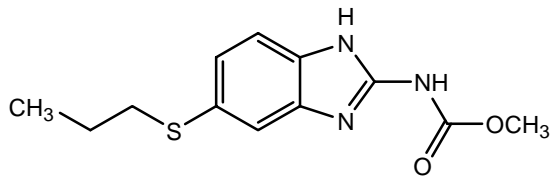
2. Oxfendazole



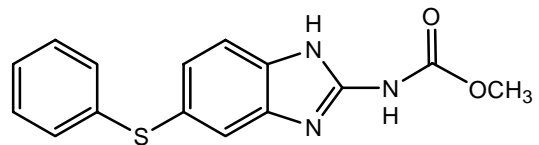
3. Oxibendazole



4. Flubendazole



5. Albendazole



6. Fenbendazole