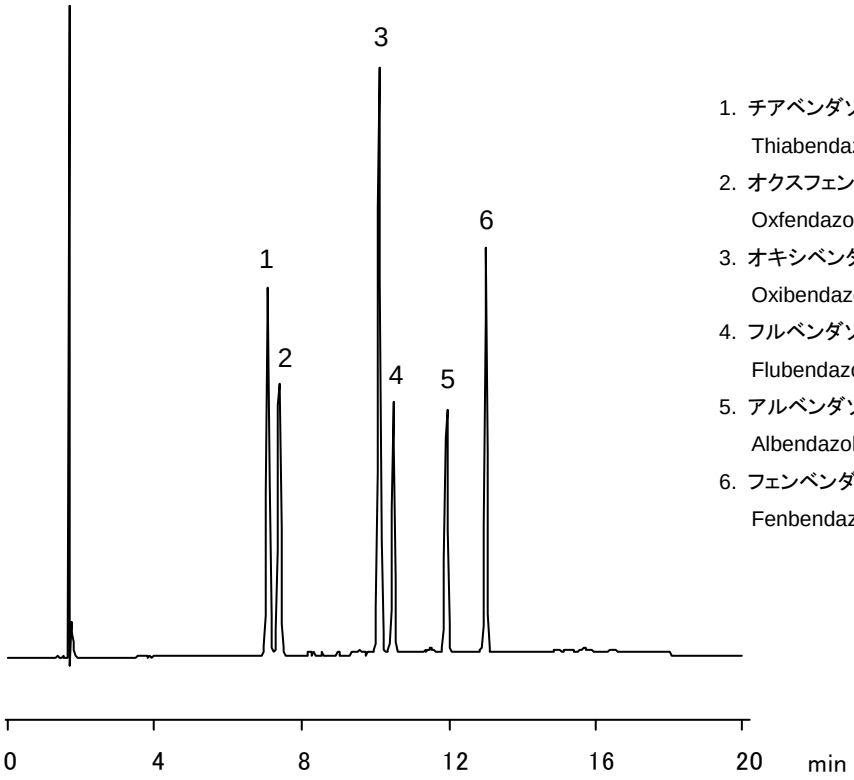
寄生虫駆除剤　Parasiticides



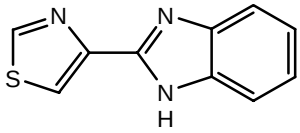
1. チアベンダゾール (50 ppm)
   Thiabendazole (M.W. 201.3)
2. オクスフェンダゾール (100 ppm)
   Oxfendazole (M.W. 315.4)
3. オキシベンダゾール (100 ppm)
   Oxibendazole (M.W. 249.3)
4. フルベンダゾール (100 ppm)
   Flubendazole (M.W. 313.3)
5. アルベンダゾール (100 ppm)
   Albendazole (M.W. 265.3)
6. フェンベンダゾール (100 ppm)
   Fenbendazole (M.W. 299.4)

【HPLC Conditions】

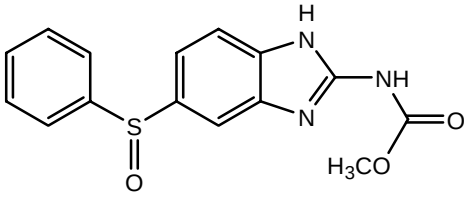
Column	:	CAPCELL PAK C_{18} MGII S5 ; 4.6 mm i.d. x 150 mm
Mobile phase	:	A) 0.1 mol/L $(NH_4)_2CO_3$, B) CH_3OH B 35 % (0.0 min) -> 90 % (15.0 min) -> 90 % (20.0 min) -> 10 % (20.1 min) -> 10 % (30.0 min) Gradient
Flow rate	:	1 mL/min
Temperature	:	40 ˚C
Detection	:	UV 290 nm
Inj. vol.	:	5 μL
Sample dissolved in	:	Each compound was seperately 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】

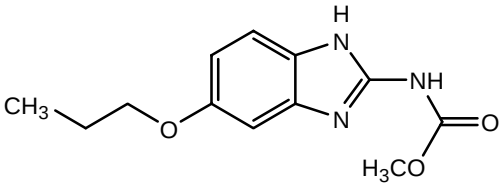
1) Bunseki 2004, **9**, The Japan Society for Analytical Chemistry



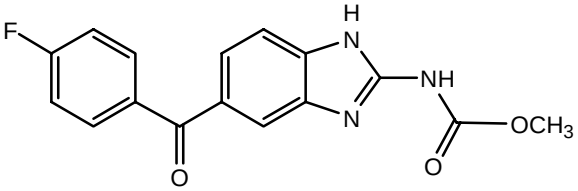
1. Thiabendazole



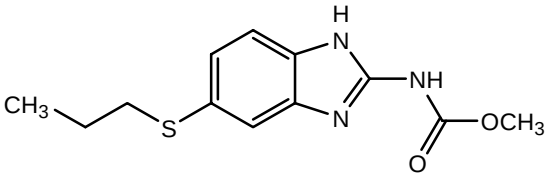
2. Oxfendazole



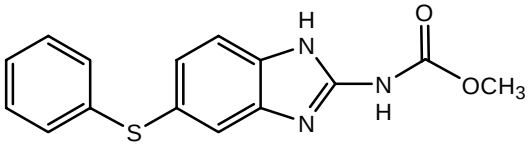
3. Oxibendazole



4. Flubendazole



5. Albendazole



6. Fenbendazole