

<b>Product Name:</b>	Fenbendazole
<b>Product Number:</b>	F042
<b>CAS Number:</b>	43210-67-9
<b>Molecular Formula:</b>	$C_{15}H_{13}N_3O_2S$
<b>Molecular Weight:</b>	299.349
<b>Storage Conditions:</b>	2-8°C
<b>Description:</b>	Fenbendazole is a broad-spectrum antiparasitic used to treat gastrointestinal and respiratory roundworms and tapeworms in livestock and other animals. Fenbendazole is a benzimidazole that acts by binding to tubulin. This blocks microtubules in worms resulting to paralysis and death.
<b>Mechanism of Action:</b>	Fenbendazole is a benzimidazole that acts by binding to tubulin, an essential structural protein of microtubules. By blocking the microtubules in worms the uptake of glucose is blocked which eventually depletes glycogen reserves. This disrupts the energy management system of the worms leading to paralysis and death.
<b>Spectrum:</b>	Fenbendazole is commonly used world-wide as an anthelmintic for veterinary use to treat roundworms and tapeworms in livestock, cats, and dogs.
<b>References:</b>	Junquera, P. (2015-07-26). "FENBENDAZOLE, anthelmintic for veterinary use on CATTLE, SHEEP, GOATS, PIG, POULTRY, HORSES, DOGS and CATS against roundworms and tapeworms". PARASITIPEDIA. Retrieved 2015-09-08.