Pimobendan is a cardiovascular drug commonly used to treat congestive heart failure, dilated cardiomyopathy, and chronic valvular heart disease in veterinary medicine. This compound exhibits vasodilatory and antithrombotic activities, decreasing peripheral resistance and inhibiting platelet aggregation. Pimobendan selectively inhibits cardiac phosphodiesterase III (PDE3), increasing myocardial cAMP and causing positive inotropic effects such as an increase in heart rate, left ventricle systolic pressure, and left ventricle filling pressure, and a decrease in peripheral resistance (mean arterial pressure).

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.