

AMP-5 INJECTION & PASTE

CORONARY & PERIPHERAL VASODILATOR

OTC

Vasodilator to increase blood flow to cardiac and skeletal muscle



COMPOSITION

Adenosine-5-monophosphate 200 mg/mL

ACTIONS

AMP-5 is a potent natural vasodilator which produces a marked increase in blood circulation to both skeletal and cardiac muscle.

* AMP-5 increases blood, nutrient & available energy supply to muscle tissues.¹

* Vasodilation improves removal of wastes to delay fatigue and cramping.²

* AMP-5 may help prevent heart strain during and after strenuous exercise.³

* AMP-5 is particularly effective combined with TRIPART and/ or COPHOS B.

By producing a marked increase in blood supply to muscles and heart, AMP-5 increases the oxygen and essential nutrient supply to these areas during hard work, and improves the efficiency of removal of waste products such as lactic acid, to delay the onset of muscle fatigue. AMP-5 is of value in treatment and prevention of Tying Up for these reasons. Because of its potent vasodilation effect on cardiac muscles, AMP-5 is effective in treatment and prevention of heart strain and exercise induced "T Wave" changes in horses.⁴

INDICATIONS

Production of coronary vasodilation in anticipation of severe cardiac load in athletic animals or in treatment of myocardial oxygen deficit (as evidenced by performance linked ECG changes).

Muscle cramp, 'tying up' prevention.

DOSAGE AND ADMINISTRATION

Injection:

Give Horses 2.5mL per 100 kg bodyweight by intramuscular injection, 24 hours and again 4-6 hours before hard work.

Paste:

Adult horse: 10 mL

Dog: 1 mL per 10 kg bodyweight

CAUTION:

AMP-5 injection must ONLY be administered by intramuscular injection.

Do not administer AMP-5 injection by the intravenous route under any circumstances. This may lead to a profound rapid drop in blood pressure, collapse, and even death.

WARNINGS

Injection: **Meat Withholding Period:** NOT TO BE USED in horses that may be slaughtered for human consumption.

PRESENTATION

20mL sterile glass multi-dose vial.

250g paste pot with syringe.

STORAGE

Injection: Store below 25°C (Air Conditioning). Protect from light.

Paste: Store below 30°C (Room Temperature).

AVAILABILITY

For General Sale (APVMA 51114 [Injection])

NOTES

If used in performance animals, the regulations of the relevant authorities regarding medication should be observed.

HANDY HINT

Use AMP-5 in combination with CopHos B 24 hours and again 4-6 hours before strenuous exercise, to improve blood and nutrient supply to hard working muscles.

REFERENCES

1. Tominaga S, et al. 1975 *Tohoku J. Exp. Med.* 115: 185-95.
2. Gannon J 1998. *Canine Sports Medicine and Surgery Saunders*, p.70.
3. Sami H, et al. 1985. *Adv. Myocardiol.*, 6: 483-490.
4. Marks J 1991 pers. comm.