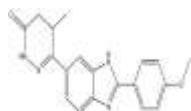


PRODUCT: Pimobendan**ALTERNATE NAME:** 3-[2-(4-methoxyphenyl)-3H-benzimidazol-5-yl]-4-methyl-4,5-dihydro-1H-pyridazin-6-one**CATALOG #:** 9676-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₈N₄O₂**MOLECULAR WEIGHT:** 334.38**CAS NUMBER:** 74150-27-9**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~ 5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Pimobendan is a calcium sensitizer and a selective inhibitor of phosphodiesterase III (PDE3) with positive inotropic and vasodilator effects. Pimobendan has been studied for treating heart failure and cardiomyopathy, primarily for veterinary uses.**REFERENCES:** Fitton, A., *et al.* (1994). *Drugs Aging* **4**, 417-441.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Apremilast (**Cat. No. 2352-5, 25**)Cilostamide (**Cat. No. 2560-5, 25**)Cilostazol (**Cat. No. 2393-5, 25**)IBMX (**Cat. No. 1714-100**)Milrinone (**Cat. No. 2163-5, 25**)PhosphoSeek™ PDE5 A Assay Kit (**Cat. No. K705-400**)PDE3 Antibody (**Cat. No. 3956-200**)(R,S)-Rolipram (**Cat. No. 2010-5**)RO 20-1724 (**Cat. No. 2042-50, 250**)Roflumilast (**Cat. No. 2675-10, 50**)Sildenafil Citrate (**Cat. No. 2872-10,50**)Zaprinast (**Cat. No. 1715-25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**