



Certificate of analysis

Product name: Pimobendan

Cas number: 74150-27-9

Molecular Formula: $C_{19}H_{18}N_4O_2$

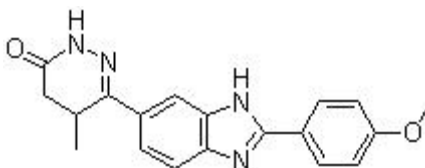
Molecular Weight: 334.37

Date of production: Oct.12,2020

Batch NO: 20201012

Exp Date: Oct.11,2024

Chemical structure:



Items	Specifications	Results
Appearance	White or slightly yellowish powder hygroscopic	White Powder
Melting Point	About 242°C	Conforms
Solubility	Practically insoluble in water, freely soluble in dimethylformamide, slightly soluble in acetone and in methanol.	Conforms
Identification	Infrared absorption spectrophotometry, Comparison pimobendan CRS.	Conforms
Water	$\leq 1.0\%$	0.08%
Sulphated ash	$\leq 0.10\%$	0.07%
Heavy metals	$\leq 10\text{ppm}$	Conforms
Particle size	20-80mesh	Conforms
Retated Substance(hplc)	impurity A : $\leq 0.10\%$ impurity B : $\leq 0.10\%$ Any other impurity $\leq 0.10\%$ Total impurities $\leq 2.0\%$	N.D N.D 0.06% 0.12%
Assay	98.0%~101.0%	99.63%

Conclusion: It complies with the EP10.0 Standard.

Analyst:Zhao

Checker:Liu

Q.C Director. Fang