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## Product Datasheet

### Monocrotaline, CAS [[315-22-0]]

### FBM-10-2872

Article Name	Monocrotaline, CAS [[315-22-0]]
Biozol Catalog Number	FBM-10-2872
Supplier Catalog Number	10-2872
Alternative Catalog Number	FBM-10-2872-50MG, FBM-10-2872-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Pulmonary fibrosis inducer...
Molecular Weight	325.36
Purity	98% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[315-22-0]
Formula	C16H23NO6
Application Notes	Monocrotaline is a naturally occurring pyrrolizidine alkaloid used to create an animal model of pulmonary arterial hypertension (PAH). It can mimic several important aspects of human PAH including vascular remodeling, proliferation of smooth muscle cells, endothelial dysfunction, production of inflammatory cytokines and right ventricle failure. <sup>1</sup> Induces endoplasmic reticulum stress in a rat model of PAH. <sup>2</sup> Induces sinusoidal obstruction syndrome, a form of drug-induced liver injury. <sup>3</sup> May be used to establish a mouse model of pulmonary fibrosis. <sup>4</sup>