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Product Datasheet

Monocrotaline, CAS [[315-22-0]] FBM-10-2872

Artikelname	Monocrotaline, CAS [[315-22-0]]
Artikelnummer	FBM-10-2872
Hersteller Artikelnummer	10-2872
Alternativnummer	FBM-10-2872-50MG, FBM-10-2872-250MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Pulmonary fibrosis inducer...
Molekulargewicht	325.36
Reinheit	98% by HPLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[315-22-0]
Formel	C16H23NO6
Anwendungsbeschreibung	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. ¹ Induces endoplasmic reticulum stress in a rat model of PAH. ² Induces sinusoidal obstruction syndrome, a form of drug-induced liver injury. ³ May be used to establish a mouse model of pulmonary fibrosis. ⁴