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Product Datasheet

Pirfenidone, CAS [[53179-13-8]] FBM-10-2307

Article Name	Pirfenidone, CAS [[53179-13-8]]
Biozol Catalog Number	FBM-10-2307
Supplier Catalog Number	10-2307
Alternative Catalog Number	FBM-10-2307-5MG,FBM-10-2307-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Antifibrotic...
Molecular Weight	185.23
Purity	98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[53179-13-8]
Formula	C12H11NO
Application Notes	Antifibrotic agent. Prevents lung fibrosis in bleomycin-induced animal models.1 Down-regulates bleomycin-induced overexpression of lung procollagen I and III genes.2 Up-regulates RGS2 (Regulator of G-protein Signaling 2) which represents a new mechanism of pirfenidone action.3 Inhibits fibroblast proliferation.4 Suppresses TNFalpha production at the translational level.5 Scavenges hydroxyl radicals and inhibits lipid peroxidation in a dose-dependent manner.6 Recently approved therapeutic agent for idiopathic pulmonary fibrosis.7 Orally active.