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Synthesis and discovery of a drug candidate for treatment of idiopathic pulmonary fibrosis through inhibition of TGF- β 1 pathway

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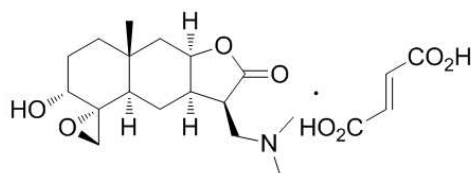
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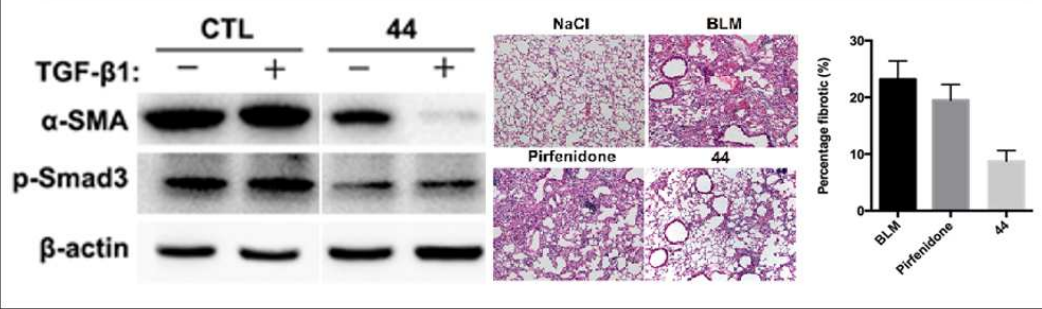
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Synthesis and Discovery of a Drug Candidate for Treatment of Idiopathic Pulmonary Fibrosis through Inhibition of TGF- β 1 Pathway



Anti-IPF Drug Candidate

- Screened from 44 analogues of sesquiterpene lactones.
- Efficient blocking TGF- β 1/Smad3 signaling pathway.
- Significant attenuation of bleomycin-induced pulmonary fibrosis in mice
- Excellent results of PK study and toxicity evaluation.



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