

TP-DEA2

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	TP-DEA2, a prodrug of triptolide, effectively inhibits bleomycin-induced pulmonary fibrosis and inflammatory responses. It significantly reduces the production of α -SMA.
Targets(IC50)	TGF-beta/Smad
In vitro	TP-DEA2 autonomously converts into triptolide (Triptolide, TP) without relying on enzymes. Additionally, TP-DEA2 can inhibit the expression of disintegrin and metalloproteinase 10 (ADAM 10) induced by transforming growth factor β 1 (TGF- β 1), and reduce the secretion of α -SMA in fibroblasts.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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