

Autotaxin-IN-7

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	Autotaxin-IN-7 (45) is a pyridine-2-carboxylic acid derivative exhibiting sub-nanomolar inhibition of ATX (IC ₅₀ = 0.086 nM) and features excellent cardiac safety (hERG > 30 μM) with minimal toxicity to fibroblasts. It inhibits the TGF-β/Smad signaling pathway, reducing α-smooth muscle actin (α-SMA) and extracellular matrix components (ECM). Autotaxin-IN-7 (45) can be used in pulmonary fibrosis research.
Targets(IC ₅₀)	PDE,TGF-beta/Smad

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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