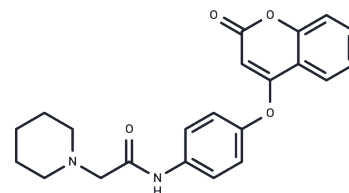


TGFβ-IN-2

Chemical Properties

CAS No. : 2387678-02-4
Formula: C₂₂H₂₂N₂O₄
Molecular Weight: 378.42
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	TGFβ-IN-2 (Compound 9d) effectively inhibits the accumulation of total collagen induced by TGF-β in NRK-49F cells, with an IC ₅₀ value of 4.31 μM. It also suppresses the in vitro protein expression of COL1A1, α-SMA, and p-Smad3, which are induced by TGF-β. Additionally, TGFβ-IN-2 shows promise as a potential anti-fibrosis compound for in vivo applications through oral administration [1].
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6426 mL	13.2128 mL	26.4257 mL
5 mM	0.5285 mL	2.6426 mL	5.2851 mL
10 mM	0.2643 mL	1.3213 mL	2.6426 mL
50 mM	0.0529 mL	0.2643 mL	0.5285 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481