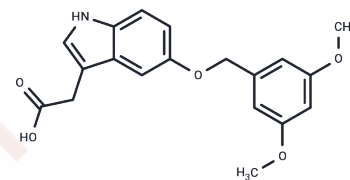


## Mitochonic Acid 35

## Chemical Properties

CAS No. :	1611470-23-5
Formula:	C <sub>19</sub> H <sub>19</sub> NO <sub>5</sub>
Molecular Weight:	341.36
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	Mitochonic Acid 35 is a dual TNF- $\alpha$ and TGF- $\beta$ 1 inhibitor that acts by inhibiting I $\kappa$ B kinase phosphorylation and Smad3 phosphorylation.
Targets(IC50)	Others,TGF-beta/Smad,TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9295 mL	14.6473 mL	29.2946 mL
5 mM	0.5859 mL	2.9295 mL	5.8589 mL
10 mM	0.2929 mL	1.4647 mL	2.9295 mL
50 mM	0.0586 mL	0.2929 mL	0.5859 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Shima H, Sasaki K, Suzuki T, Mukawa C, Obara T, Oba Y, Matsuo A, Kobayashi T, Mishima E, Watanabe S, Akiyama Y, Kikuchi K, Matsunashi T, Oikawa Y, Nanto F, Akiyama Y, Ho HJ, Suzuki C, Saigusa D, Masamune A, Tomioka Y, Masaki T, Ito S, Hayashi KI, Abe T. A novel indole compound MA-35 attenuates renal fibrosis by inhibiting both TNF- $\alpha$  and TGF- $\beta$ (1) pathways. Sci Rep. 2017 May 15;7(1):1884. doi: 10.1038/s41598-017-01702-7. PubMed PMID: 28507324; PubMed Central PMCID: PMC5432497.

**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:34 Washington Street,Wellesley Hills,MA 02481