

## Klotho-derived peptide 1

## Chemical Properties

CAS No. :

Formula: C149H203N39O43

Molecular Weight:

Keep away from moisture

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   | Klotho-derived peptide 1 (KP1 human) can inhibit the interaction between TGF- $\beta$ and its receptor TGF- $\beta$ receptor 2, suppressing the activation of Smad2/3 and mitogen-activated protein kinase (MAPK) induced by TGF- $\beta$ . It shows anti-fibrotic and renal protective effects in mouse models. |
| Targets(IC50) | p38 MAPK,TGF-beta/Smad   |

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