

## Klotho-derived peptide 1 hydrochloride

## Chemical Properties

CAS No. :

Formula:

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) hydrochloride inhibits the interaction between TGF- $\beta$ and TGF- $\beta$ receptor 2, suppressing the activation of TGF- $\beta$ -induced Smad2/3 and mitogen-activated protein kinase (MAPK). Additionally, it exhibits antifibrotic and renal protective effects in mouse models.
Targets(IC50)	p38 MAPK,TGF-beta/Smad

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