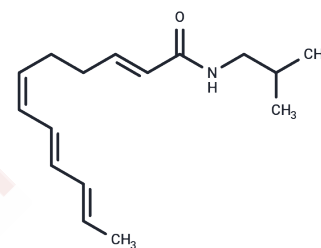


## Sanshool

## Chemical Properties

CAS No. : 504-97-2  
 Formula: C<sub>16</sub>H<sub>25</sub>NO  
 Molecular Weight: 247.38  
 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	Sanshool is a natural product isolated from <i>Zanthoxylum bungeanum</i> . Sanshool improves UVB-induced skin photodamage by targeting JAK2/STAT3-dependent autophagy.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0424 mL	20.2118 mL	40.4236 mL
5 mM	0.8085 mL	4.0424 mL	8.0847 mL
10 mM	0.4042 mL	2.0212 mL	4.0424 mL
50 mM	0.0808 mL	0.4042 mL	0.8085 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

Hao D, et al. Sanshool improves UVB-induced skin photodamage by targeting JAK2/STAT3-dependent autophagy. *Cell Death Dis.* 2019 Jan 8;10(1):19.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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