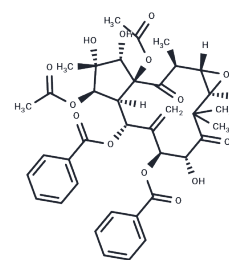


## Kansuinine B

## Chemical Properties

CAS No. :	57685-46-8
Formula:	C <sub>38</sub> H <sub>42</sub> O <sub>14</sub>
Molecular Weight:	722.73
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	Kansuinine B inhibits Stat3 activation induced by IL-6. Kansuinine B exhibits anti-viral activity and could be used in COVID-19 research.
Targets(IC50)	IL Receptor, Interleukin, SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3836 mL	6.9182 mL	13.8364 mL
5 mM	0.2767 mL	1.3836 mL	2.7673 mL
10 mM	0.1384 mL	0.6918 mL	1.3836 mL
50 mM	0.0277 mL	0.1384 mL	0.2767 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

Jong Sun Chang, et al. Kansuinine A and Kansuinine B from *Euphorbia kansui* L. inhibit IL-6-induced Stat3 activation. *Planta Med.* 2010 Oct;76(14):1544-9.

Xiaoyun Shu, et al. Bioassay-guided separation of the proinflammatory constituents from the roots of *Euphorbia kansui*. *J Nat Med.* 2010 Jan;64(1):98-103.

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