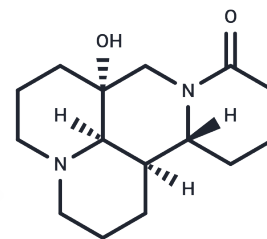


## Sophoranol

## Chemical Properties

CAS No. :	3411-37-8
Formula:	C <sub>15</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	264.36
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	(+)-Sophoranol exhibits antiviral activity against the Coxsackie virus B3. It also shows potent anti-HBV activity with an inhibitory potency against HBsAg secretion and against HBeAg secretion.
Targets(IC50)	HBV,RSV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7827 mL	18.9136 mL	37.8272 mL
5 mM	0.7565 mL	3.7827 mL	7.5654 mL
10 mM	0.3783 mL	1.8914 mL	3.7827 mL
50 mM	0.0757 mL	0.3783 mL	0.7565 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

Antiviral Matrine-Type Alkaloids from the Rhizomes of Sophora tonkinensis. J Nat Prod. 2015 Jul 24;78(7):1683-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481