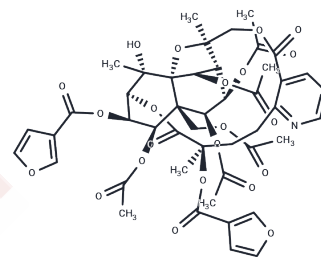


## Triptonine B

## Chemical Properties

CAS No. :	168009-85-6
Formula:	C <sub>46</sub> H <sub>49</sub> NO <sub>22</sub>
Molecular Weight:	967.883
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	Triptonine B demonstrates potent anti-HIV activity with an EC(50) value of 0.10 microg/mL and an in vitro therapeutic index value of >1000.
Targets(IC50)	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0332 mL	5.1659 mL	10.3319 mL
5 mM	0.2066 mL	1.0332 mL	2.0664 mL
10 mM	0.1033 mL	0.5166 mL	1.0332 mL
50 mM	0.0207 mL	0.1033 mL	0.2066 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

Sesquiterpene alkaloids from *Tripterygium hypoglaucum* and *Tripterygium wilfordii*: a new class of potent anti-HIV agents. *J Nat Prod.* 2000 Mar;63(3):357-61.

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