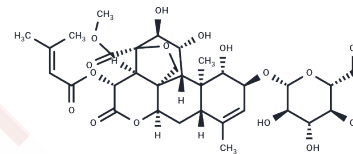


## Yadanzioside E

## Chemical Properties

CAS No. :	95258-20-1
Formula:	C <sub>32</sub> H <sub>44</sub> O <sub>16</sub>
Molecular Weight:	684.68
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	Yadanzioside E is a natural product that inhibits HIV viral replication in the H9 T lymphoid cell line, and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4605 mL	7.3027 mL	14.6054 mL
5 mM	0.2921 mL	1.4605 mL	2.9211 mL
10 mM	0.1461 mL	0.7303 mL	1.4605 mL
50 mM	0.0292 mL	0.1461 mL	0.2921 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

- Liu JQ, et al. One new pregnane glycoside from the seeds of cultivated *Brucea javanica*. Arch Pharm Res. 2011 Aug; 34(8):1297-300.
- Yan XH, et al. Anti-tobacco mosaic virus (TMV) Quassinoids from *Brucea javanica* (L.) Merr. J Agric Food Chem. 2010 Feb 10;58(3):1572-7.
- Kim IH, Takashima S, Hitotsuyanagi Y, Hasuda T, Takeya K. New quassinoids, javanicolides C and D and javanicosides B--F, from seeds of *Brucea javanica*. J Nat Prod. 2004 May;67(5):863-8.

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