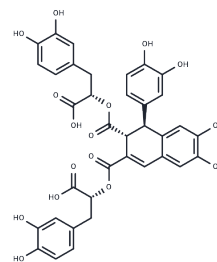


## Rabdosiin

## Chemical Properties

CAS No. :	263397-69-9
Formula:	C <sub>36</sub> H <sub>30</sub> O <sub>16</sub>
Molecular Weight:	718.61
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	Rabdosiin ((+)-Rabdosiin) is a natural product, and has anti-allergic activity, anti-HIV activity and inhibition on DNA topoisomerase.
Targets(IC50)	Others,HIV Protease,Topoisomerase

## Solubility Information

Solubility	DMSO: 165 mg/mL (229.61 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (2.78 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3916 mL	6.9579 mL	13.9158 mL
5 mM	0.2783 mL	1.3916 mL	2.7832 mL
10 mM	0.1392 mL	0.6958 mL	1.3916 mL
50 mM	0.0278 mL	0.1392 mL	0.2783 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

Ito H, et al. Antiallergic activities of rabdosiin and its related compounds: chemical and biochemical evaluations. *Bioorg Med Chem.* 1998 Jul;6(7):1051-6.

Liu Y, Chen M, Wang X X, et al. Identification and Therapeutic Targeting of METTL8-Mediated Lenvatinib Resistance in Hepatocellular Carcinoma Using Rabdosiin. *Experimental Cell Research.* 2024: 114389.

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