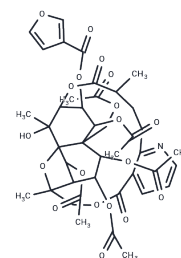


## Wilforgine

### Chemical Properties

CAS No. :	37239-47-7
Formula:	C <sub>41</sub> H <sub>47</sub> N <sub>3</sub> O <sub>19</sub>
Molecular Weight:	857.81
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



### Biological Description

Description	1. Wilforgine exhibits insecticidal activity of some degree.
Targets(IC50)	Others,Calcium Channel

### Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, DMSO: 55 mg/mL (64.12 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1658 mL	5.8288 mL	11.6576 mL
5 mM	0.2332 mL	1.1658 mL	2.3315 mL
10 mM	0.1166 mL	0.5829 mL	1.1658 mL
50 mM	0.0233 mL	0.1166 mL	0.2332 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.

### Reference

Miao G P , Zhu C S , Feng J T , et al. Effects of Plant Stress Signal Molecules on the Production of Wilforgine in an Endophytic Actinomycete Isolated from *Tripterygium wilfordii*, Hook.f[J]. Current Microbiology, 2015, 70(4):571-579.

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