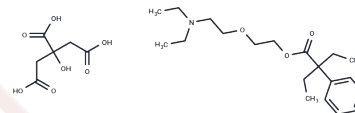


## Oxeladin citrate

## Chemical Properties

CAS No. :	52432-72-1
Formula:	C <sub>26</sub> H <sub>41</sub> NO <sub>10</sub>
Molecular Weight:	527.6
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Oxeladin citrate is a highly potent and effective cough suppressant, which can treat all types of cough of various etiologies. It is not related to opium or its derivatives, so treatment with oxeladin is no risk of addiction. And it has none of the side effects (such as hypnosis, respiratory depression, tolerance, constipation and analgesia) which are present when common antitussives. It can be used at every age, as well as in patients with heart disease, since it is high level of safety and a great selectivity to act on the bulbar centre of cough.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 94.77 mM, Sonication is recommended. DMSO: 60 mg/mL (113.72 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	1.8954 mL	9.4769 mL	18.9538 mL
5 mM	0.3791 mL	1.8954 mL	3.7908 mL
10 mM	0.1895 mL	0.9477 mL	1.8954 mL
50 mM	0.0379 mL	0.1895 mL	0.3791 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

Knopp C, Korsatko W. Pharmazie. 1982 Jan;37(1):76-7.

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