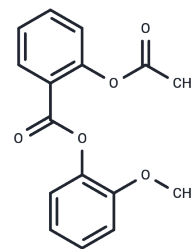


## Guacetisal

## Chemical Properties

CAS No. :	55482-89-8
Formula:	C <sub>16</sub> H <sub>14</sub> O <sub>5</sub>
Molecular Weight:	286.28
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Guacetisal is extracted from the esterification reaction of acetylsalicylic acid with guaiacol which can be used for research on the treatment of chronic bronchitis.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 95 mg/mL (331.84 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	3.4931 mL	17.4654 mL	34.9308 mL
5 mM	0.6986 mL	3.4931 mL	6.9862 mL
10 mM	0.3493 mL	1.7465 mL	3.4931 mL
50 mM	0.0699 mL	0.3493 mL	0.6986 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

Li, Junguang, et al. Guacetisal crystal form compound and its preparation method. CN 106866420 A.

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