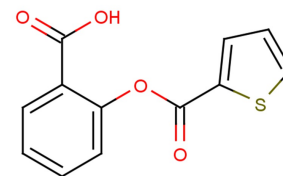


## Tenosal

## Chemical Properties

CAS No.:	95232-68-1
Formula:	C <sub>12</sub> H <sub>8</sub> O <sub>4</sub> S
Molecular Weight:	248.25
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Tenosal obtained by esterifying salicylic acid with 2-thiophene-carboxylic acid, and with analgesic and antipyretic properties, anti-inflammatory.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.028 mL	20.141 mL	40.282 mL
5 mM	0.806 mL	4.028 mL	8.056 mL
10 mM	0.403 mL	2.014 mL	4.028 mL
50 mM	0.081 mL	0.403 mL	0.806 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Lucarelli C, et al. Evaluation of 2-(2-(2-thiophenecarboxy)benzoic acid and related active metabolites in biological samples. J Chromatogr. 1992 Jan 3;573(1):150-3.

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