

Tenosal

Catalog No: tcsc0011236



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

95232-68-1

Formula:

$C_{12}H_8O_4S$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

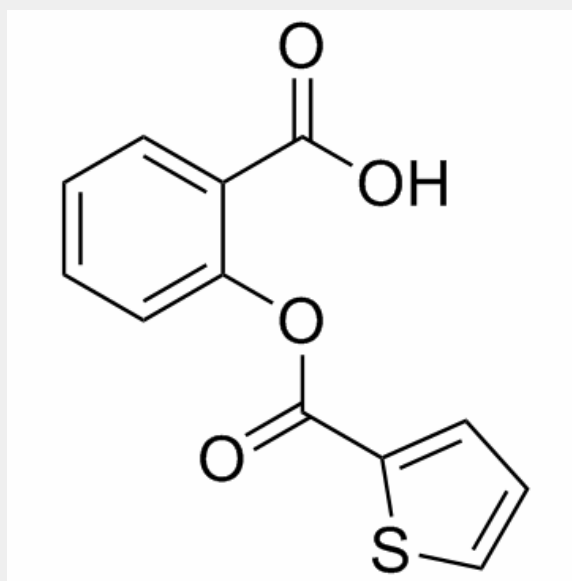
248.25

Product Description

Tenosal is a new compound obtained by esterifying salicylic acid with 2-thiophene-carboxylic acid and displays anti-inflammatory, analgesic and antipyretic properties.

In Vivo:

Tenosal is a new compound obtained by esterifying salicylic acid with 2-thiophene-carboxylic acid and displays anti-inflammatory, analgesic and antipyretic properties. Extraction recovery measured is on average 95.75% for Tenosal, 98.71% for salicylic acid (SA) and 91.11% for TA. In the whole analysis of Tenosal extracted from plasma, the inter-assay coefficient of variation (C.V.) ranges from 1.00 to 5.86% and the intra assay C.V. is 5.01%. The administration of Tenosal allows a higher bioavailability of SA to be achieved than after dosing with ASA^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!