



## **Methocarbamol**

Catalog No: tcsc2248

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## **Available Sizes**

Size: 100mg

Size: 500mg



## **Specifications**

CAS No:

532-03-6

Formula:

 $C_{11}H_{15}NO_{5}$ 

**Pathway:** 

Others

**Target:** 

Others

**Purity / Grade:** 

>98%

**Solubility:** 

10 mM in DMSO

**Observed Molecular Weight:** 

241.24

## **Product Description**

Methocarbamol is a central muscle relaxant used to treat skeletal muscle spasms.

Target: Carbonic Anhydrase

Methocarbamol is the carbamate of guaifenesin, but does not produce guaifenesin as a metabolite, because the carbamate bond is not hydrolyzed metabolically; metabolism is by Phase I ring hydroxylation and O-demethylation, followed by Phase II conjugation. All





the major metabolites are unhydrolyzed carbamates. Methocarbamol is used as an adjunct in the symptomatic treatment of musculoskeletal conditions associated with painful muscle spasm [1, 2].

$$\begin{array}{c} O \\ O \\ O \end{array} \begin{array}{c} O \\ O \end{array} \begin{array}{c} NH_2 \\ O \end{array}$$

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