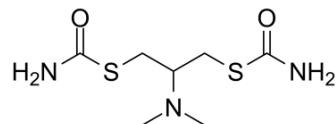


## Cartap

Cat. No.:	HY-136395
CAS No.:	15263-53-3
Molecular Formula:	C <sub>7</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	237.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Cartap, an organonitrogen insecticide, can cause a marked irreversible Ca <sup>2+</sup> -dependent contracture in both isolated mouse and rabbit phrenic nerve-diaphragms <sup>[1]</sup> .
In Vitro	Cartap (10-1000 μM; 24 hours) exerts a dose- and time-dependent cytotoxic effect in C2C12 cells. Cartap significantly increases the level of endogenous reactive oxygen species (ROS) in C2C12 cells in a dose- and time-dependent manner <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Jiunn-Wang Liao, et al. Cartap-induced cytotoxicity in mouse C2C12 myoblast cell line and the roles of calcium ion and oxidative stress on the toxic effects. Toxicology. 2006 Feb 15;219(1-3):73-84.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA