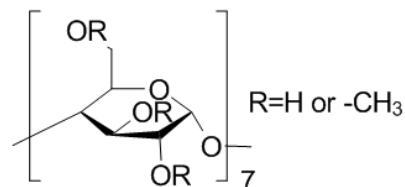


**Product Name** : Methyl- $\beta$ -cyclodextrin  
**Cat. No.** : PC-42392  
**CAS No.** : 128446-36-6  
**Molecular Formula** :  $C_{1310}$  (Average)  
**Molecular Weight** : N/A  
**Target** : Other Targets  
**Solubility** : DMSO:  $\geq 31$  mg/mL  
4. Upadhyay AK, et al. Toxicol Appl Pharmacol. 2006 Oct 15;216(2):177-85.



## Biological Activity

A cholesterol depleting agent that shows antitumor activity both in vitro and in vivo; induces caspase-dependent apoptosis in PEL cells via cholesterol depletion from the plasma membrane; significantly potentiates the activity of doxorubicin used alone on both sensitive and multidrug-resistant cell lines, and enhances the susceptibility of human breast cancer cells to carboplatin and 5-FU.

## References

- Mahammad S, et al. Methods Mol Biol. 2015;1232:91-102.  
Gotoh K, et al. Biochem Biophys Res Commun. 2014 Dec 12;455(3-4):285-9.  
Grosse PY, et al. Cancer Chemother Pharmacol. 1997;40(6):489-94.

