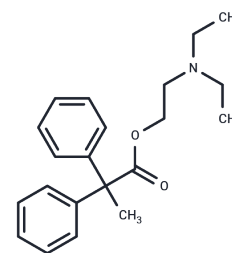


## Aprofene

## Chemical Properties

CAS No. :	3563-01-7
Formula:	C <sub>21</sub> H <sub>27</sub> N <sub>O</sub> <sub>2</sub>
Molecular Weight:	325.44
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Aprofene (Aprophen) is an antagonist of muscarinic and nicotinic acetylcholine receptors. It may be used in the therapy of peptic ulcers, endarteritis (inflammation of the inner shell of the artery), cholecystitis (inflammation of the gallbladder), and spastic colitis.
Targets(IC50)	Others,AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0728 mL	15.3638 mL	30.7276 mL
5 mM	0.6146 mL	3.0728 mL	6.1455 mL
10 mM	0.3073 mL	1.5364 mL	3.0728 mL
50 mM	0.0615 mL	0.3073 mL	0.6146 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Grudev D. [Delivery in prolonged pregnancy following preparation and induction with aprofen and prednisolone]. Akush Ginekol (Sofiiia). 1990;29(3):14-8. Bulgarian. PubMed PMID: 2252139.
- Arima N, Uchida Y, Yu R, Nakayama K, Nishina H. Acetylcholine receptors regulate gene expression that is essential for primitive streak formation in murine embryoid bodies. Biochem Biophys Res Commun. 2013 Jun 7;435(3):447-53. doi: 10.1016/j.bbrc.2013.05.006. Epub 2013 May 10. PubMed PMID: 23665324.
- Grudev D, Novachkov L, Geshev G, Krushkov I. [Use of aprophen in the preparation for and induction of labor]. Akush Ginekol (Sofiiia). 1988;27(4):39-43. Bulgarian. PubMed PMID: 3218679.
- Gordon RK, Padilla FN, Moore E, Doctor BP, Chiang PK. Antimuscarinic activity of aprophen. Biochem Pharmacol. 1983 Oct 1;32(19):2979-81. PubMed PMID: 6626268.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481