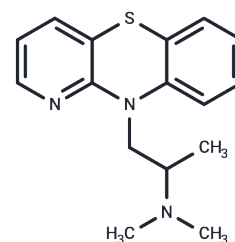


## Isothipendyl

## Chemical Properties

CAS No. :	482-15-5
Formula:	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> S
Molecular Weight:	285.41
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	Isothipendyl is the first generation of H1 antagonists (antihistamines) and anticholinergics and has an effect on itching.
Targets(IC50)	Others,Endogenous Metabolite,Histamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5037 mL	17.5187 mL	35.0373 mL
5 mM	0.7007 mL	3.5037 mL	7.0075 mL
10 mM	0.3504 mL	1.7519 mL	3.5037 mL
50 mM	0.0701 mL	0.3504 mL	0.7007 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

Bibas N, Sartor V, Bulai Livideanu C, Bagheri H, Nougé J, Giordano-Labadie F, Maza A, Paul C, Chouini-Lalanne N, Marguery MC. Contact photoallergy to isothipendyl chlorhydrate. *Dermatology*. 2012;224(4):289-91. doi: 10.1159/000338024. Epub 2012 Jun 1. PubMed PMID: 22677929.

Melwanki MB, Seetharamappa J, Masti SP. Spectrophotometric determination of molybdenum(VI) using isothipendyl hydrochloride and pipazethate hydrochloride in alloy steels and soil samples. *Anal Sci*. 2001 Sep;17(9):1121-3. PubMed PMID: 11708072.

Moreau A, Domp Martin A, Dubreuil A, Leroy D. Phototoxic and photoprotective effects of topical isothipendyl. *Photodermatol Photoimmunol Photomed*. 1995 Apr;11(2):50-4. PubMed PMID: 8546983.

Abdel-Hay MH, Elsayed MA, Barary MH, Hassan EM. Determination of isothipendyl or dimethothiazine with their sulphoxides using third- and fourth-derivatives spectroscopy on a diode-array spectrophotometer. *J Pharm Belg*. 1990 Jul-Aug;45(4):259-67. PubMed PMID: 2290121.

**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