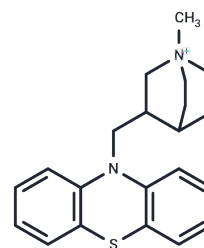


## Mequitamium

## Chemical Properties

CAS No. :	101396-46-7
Formula:	C <sub>21</sub> H <sub>25</sub> N <sub>2</sub> S
Molecular Weight:	337.5
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	Mequitamium is an effective pharmaceutical intermediate that can be used to synthesize Mequitazium iodid.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (148.15 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.963 mL	14.8148 mL	29.6296 mL
5 mM	0.5926 mL	2.963 mL	5.9259 mL
10 mM	0.2963 mL	1.4815 mL	2.963 mL
50 mM	0.0593 mL	0.2963 mL	0.5926 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

- Di Bugno C, et al. Absolute configuration and biological activity of mequitamium iodide enantiomers. Chirality. 1994;6(5):382-8.
- Renzetti AR, et al. High-affinity binding of mequitamium iodide (LG 30435) to muscarinic and histamine H1 receptors. Eur J Pharmacol. 1990 Jul 17;182(3):413-20.

**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