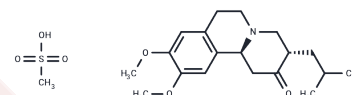


## Tetrabenazine methanesulfonate

## Chemical Properties

CAS No. : 804-53-5  
 Formula: C<sub>20</sub>H<sub>31</sub>N<sub>2</sub>O<sub>6</sub>S  
 Molecular Weight: 413.53  
 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	Tetrabenazine methanesulfonate is a medicine formerly utilized as an antipsychotic and therapy for various movement disorders. Tetrabenazine methanesulfonate blocks neurotransmitter uptake into adrenergic storage vesicles and has been used as a high-affinity label for the vesicle transport system.
Targets(IC50)	Others, Monoamine Transporter

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4182 mL	12.091 mL	24.182 mL
5 mM	0.4836 mL	2.4182 mL	4.8364 mL
10 mM	0.2418 mL	1.2091 mL	2.4182 mL
50 mM	0.0484 mL	0.2418 mL	0.4836 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

Caroff SN, Aggarwal S, Yonan C. Treatment of tardive dyskinesia with tetrabenazine or valbenazine: a systematic review. J Comp Eff Res. 2018 Feb;7(2):135-148. doi: 10.2217/ce-2017-0065. Epub 2017 Oct 2. PubMed PMID: 28965423.

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