

## Bamethan sulfate

## Chemical Properties

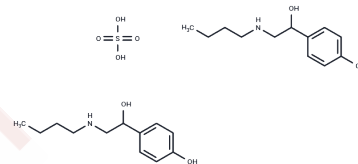
CAS No. : 5716-20-1

Formula: C<sub>24</sub>H<sub>40</sub>N<sub>2</sub>O<sub>8</sub>S

Molecular Weight: 516.65

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	Bamethan sulfate is a Vasodilator.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9355 mL	9.6777 mL	19.3555 mL
5 mM	0.3871 mL	1.9355 mL	3.8711 mL
10 mM	0.1936 mL	0.9678 mL	1.9355 mL
50 mM	0.0387 mL	0.1936 mL	0.3871 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

- Li T, Cao J, Li Z, Wang X, He P. Broad screening and identification of  $\beta$ -agonists in feed and animal body fluid and tissues using ultra-high performance liquid chromatography-quadrupole-orbitrap high resolution mass spectrometry combined with spectra library search. *Food Chem.* 2016 Feb 1;192:188-96. doi: 10.1016/j.foodchem.2015.06.104. Epub 2015 Jun 30. PubMed PMID: 26304337.
- Deng Y, Zhang H, Wu JT, Olah TV. Tandem mass spectrometry with online high-flow reversed-phase extraction and normal-phase chromatography on silica columns with aqueous-organic mobile phase for quantitation of polar compounds in biological fluids. *Rapid Commun Mass Spectrom.* 2005;19(20):2929-34. PubMed PMID: 16175657.
- Shou WZ, Bu HZ, Addison T, Jiang X, Naidong W. Development and validation of a liquid chromatography/tandem mass spectrometry (LC/MS/MS) method for the determination of ribavirin in human plasma and serum. *J Pharm Biomed Anal.* 2002 Jun 20;29(1-2):83-94. PubMed PMID: 12062668.
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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481