

## Tetraethylammonium bromide

## Chemical Properties

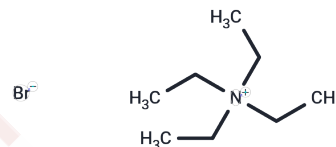
CAS No. : 71-91-0

Formula: C<sub>8</sub>H<sub>20</sub>BrN

Molecular Weight: 210.16

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Tetraethylammonium bromide (TEA bromide) can selectively block potassium channels.
Targets(IC50)	Potassium Channel

## Solubility Information

Solubility	DMSO: 10 mg/mL (47.58 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7583 mL	23.7914 mL	47.5828 mL
5 mM	0.9517 mL	4.7583 mL	9.5166 mL
10 mM	0.4758 mL	2.3791 mL	4.7583 mL
50 mM	0.0952 mL	0.4758 mL	0.9517 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

Barbara Pawłowska, et al. Evaluation of the Effect of Tetraethylammonium Bromide and Chloride on the Growth and Development of Terrestrial Plants. Chemosphere. 2016 Apr; 149:24-33.

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