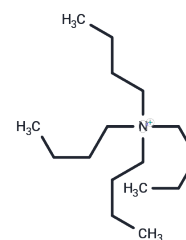


## Tetrabutylammonium tetrahydroborate

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 33725-74-5  |
| Formula:          | C <sub>16</sub> H <sub>40</sub> BN  |
| Molecular Weight: | 257.31  |
| Storage:          | Store at RT<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|             |   |
|-------------|---|
| Description | Tetrabutylammonium tetrahydroborate is an organic compound commonly used as a reducing agent and catalyst. It plays a role as a reducing agent in certain chemical reactions and enhances the reduction of organic compounds such as esters, aldehydes, and ketones. Additionally, this compound is widely utilized in organic synthesis and chemical analysis, and holds significant importance in some manufacturing processes. |
|-------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.8864 mL | 19.4318 mL | 38.8636 mL |
| 5 mM  | 0.7773 mL | 3.8864 mL  | 7.7727 mL  |
| 10 mM | 0.3886 mL | 1.9432 mL  | 3.8864 mL  |
| 50 mM | 0.0777 mL | 0.3886 mL  | 0.7773 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.

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