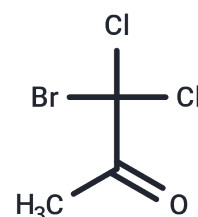


## 1-Bromo-1,1-dichloroacetone

## Chemical Properties

CAS No. :	1751-16-2
Formula:	C <sub>3</sub> H <sub>3</sub> BrCl <sub>2</sub> O
Molecular Weight:	205.87
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	1-Bromo-1,1-dichloroacetone, classified as a chlorine dioxide disinfection byproduct (DBP), is present in drinking water.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8574 mL	24.2872 mL	48.5743 mL
5 mM	0.9715 mL	4.8574 mL	9.7149 mL
10 mM	0.4857 mL	2.4287 mL	4.8574 mL
50 mM	0.0971 mL	0.4857 mL	0.9715 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

S D Richardson, et al. Multispectral identification of chlorine dioxide disinfection byproducts in drinking water

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