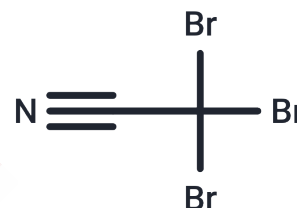


## Tribromoacetonitrile

## Chemical Properties

CAS No. :	75519-19-6
Formula:	C <sub>2</sub> Br <sub>3</sub> N
Molecular Weight:	277.741
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	Tribromoacetonitrile (CNBr <sub>3</sub> ) is a nitrogen-containing disinfection byproduct that forms when bromine reacts with organic matter during water treatment processes.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6005 mL	18.0024 mL	36.0049 mL
5 mM	0.7201 mL	3.6005 mL	7.201 mL
10 mM	0.360 mL	1.8002 mL	3.6005 mL
50 mM	0.072 mL	0.360 mL	0.7201 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

Xiaoya Liu, et al. Research status in quo of disinfection by-products formation from algal organic matter as precursors. Disinfection By-products in Drinking Water Detection and Treatment. 2020, Pages 137-168.

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