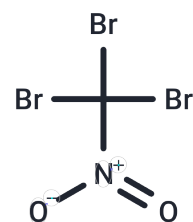


Tribromonitromethane

Chemical Properties

CAS No. :	464-10-8
Formula:	CB ₃ NO ₂
Molecular Weight:	297.728
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Tribromonitromethane is a member of the class of Halonitromethanes, a newly identified group of disinfection by-products (DBPs) found in drinking water.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3587 mL	16.7937 mL	33.5875 mL
5 mM	0.6717 mL	3.3587 mL	6.7175 mL
10 mM	0.3359 mL	1.6794 mL	3.3587 mL
50 mM	0.0672 mL	0.3359 mL	0.6717 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

Bijit Kundu, et al. Mutagenicity in Salmonella of halonitromethanes: a recently recognized class of disinfection by-products in drinking water. Mutat Res. 2004 Aug 8;562(1-2):39-65.

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