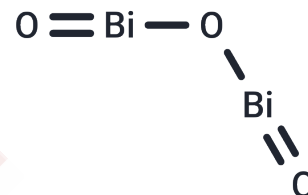


Bismuth oxide

Chemical Properties

CAS No. :	1304-76-3
Formula:	Bi ₂ O ₃
Molecular Weight:	465.958
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	Bismuth(III) oxide is a common starting point for bismuth chemistry. It is usually obtained as a by-product of the smelting of copper and lead ores. Bismuth trioxide is commonly used as a replacement of red lead to produce the "Dragon's eggs" effect in fireworks.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1461 mL	10.7305 mL	21.4611 mL
5 mM	0.4292 mL	2.1461 mL	4.2922 mL
10 mM	0.2146 mL	1.0731 mL	2.1461 mL
50 mM	0.0429 mL	0.2146 mL	0.4292 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

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