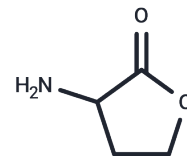


3-Aminooxolan-2-one hydrobromide

Chemical Properties

CAS No. :	6305-38-0
Formula:	C ₄ H ₇ NO ₂ .BrH
Molecular Weight:	182.02
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

HBr



Biological Description

Description	3-Aminooxolan-2-one hydrobromide is a serine derivative. It serves as a key intermediate in the synthesis of various bioactive molecules. Additionally, 3-Aminooxolan-2-one hydrobromide is used in studies of enzyme substrate specificity, protein structure-function analysis, and biosensor development.
Targets(IC50)	Amino Acids and Derivatives

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4939 mL	27.4695 mL	54.939 mL
5 mM	1.0988 mL	5.4939 mL	10.9878 mL
10 mM	0.5494 mL	2.747 mL	5.4939 mL
50 mM	0.1099 mL	0.5494 mL	1.0988 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

Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1807.

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