

β -Ethoxy- α -ketobutyraldehyde

Chemical Properties

CAS No. : 3688-37-7

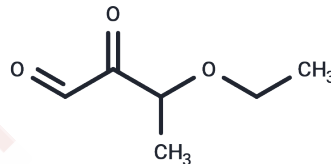
Formula: C₆H₁₀O₃

Molecular Weight: 130.14

Keep away from direct sunlight

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	β -Ethoxy- α -ketobutyraldehyde is a chemical probe that specifically modifies the N1 and N2 sites of guanine. It is primarily utilized to study the spatial protection of single-stranded/double-stranded regions of nucleic acids and protein binding sites. Additionally, β -Ethoxy- α -ketobutyraldehyde is employed in nucleic acid structure analysis and footprinting studies of protein-nucleic acid complexes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.684 mL	38.4202 mL	76.8403 mL
5 mM	1.5368 mL	7.684 mL	15.3681 mL
10 mM	0.7684 mL	3.842 mL	7.684 mL
50 mM	0.1537 mL	0.7684 mL	1.5368 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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