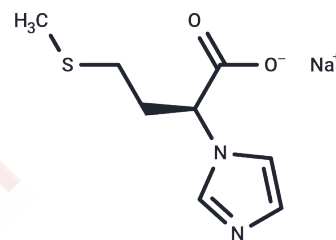


IZS-M

Chemical Properties

CAS No. : 2950167-07-2
 Formula: C₈H₁₂N₂NaO₂S
 Molecular Weight: 222.24
 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	IZS-M is an amino acid-derived corrosion inhibitor based on green chemistry principles. It prevents the corrosion of low carbon steel by forming an inhibitor film on the metal surface. The corrosion inhibition performance of the IZS series is as follows: IZS-P (82.46%) > IZS-M (67.19%) > IZS-L (24.77%).
Targets(IC50)	Amino Acids and Derivatives

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4996 mL	22.4982 mL	44.9964 mL
5 mM	0.8999 mL	4.4996 mL	8.9993 mL
10 mM	0.450 mL	2.2498 mL	4.4996 mL
50 mM	0.090 mL	0.450 mL	0.8999 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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