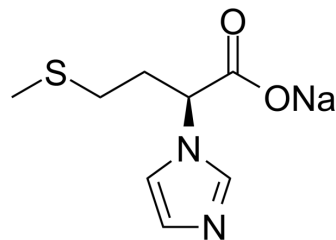


IZS-M

Cat. No.:	HY-149885
CAS No.:	2950167-07-2
Molecular Formula:	C ₈ H ₁₁ N ₂ NaO ₂ S
Molecular Weight:	222.24
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

IZS-M is an amino acid-derived corrosion inhibitor, based on the green chemistry principles. IZS-M inhibits mild steel corrosion via forming an inhibitor film on the metal surface. IZS series inhibitors following a corrosion inhibition performance as: IZS-P (82.46%) > IZS-M (67.19%) > IZS-L (24.77%)^[1].

REFERENCES

[1]. Haque J, et al. Environmentally Benign Water-Soluble Sodium L-2-(1-Imidazolyl) Alkanoic Acids as New Corrosion Inhibitors for Mild Steel in Artificial Seawater. ACS Omega. 2023 Jul 5;8(28):24797-24812.

Caution: Product has not been fully validated for medical applications. For research use only.

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