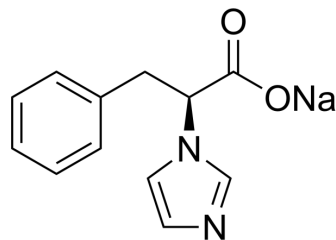


## IZS-P

Cat. No.:	HY-149884
CAS No.:	1173464-65-7
Molecular Formula:	C <sub>12</sub> H <sub>11</sub> N <sub>2</sub> NaO <sub>2</sub>
Molecular Weight:	238.22
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

IZS-P is an amino acid-derived corrosion inhibitor, based on the green chemistry principles. IZS-P 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%)<sup>[1]</sup>.

## 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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