Inminodiacetic Acid
IDA

Description
Hampshire patented the two-step cyanomethylation process to produce industry’s highest purity Ethylenediaminetetraacetic Acid (EDTA) and Nitrilotriacetic Acid (NTA) from hydrocyanic acid. The evolution of this technology led to the commercialization of numerous high purity amino acids and nitriles including Inminodiacetic Acid and a number of important derivatives.

Hampshire’s nitrile synthesis capability and its ability to isolate nitriles in cyanide reactions sparked the development of Inminodiacetic Acid and its intermediates. Hampshire was the first company to offer IDA to the worldwide market and remains a major supplier.

Health & Safety
For health, safety, and environmental information, please refer to the current Materials Safety Data Sheet (MSDS) available from Dow.

For more information
To learn more about Inminodiacetic Acid, contact Hampshire at the number listed below.

**IDP Process Route and Intermediates**

- **2HCN + 2CH₂O + NH₃ → CH₂CN**
- **2NaOH + H₂O → CH₂COONa (Dissodium Inminodiacetate)**
- **H₂SO₄ → CH₂COOH (Inminodiacetic Acid, IDA)**

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