

IMIDAZOLE



CAS Number: 288-32-4

Other Names: Glyoxaline, 1,3-Diaza-2,4-cyclopentadiene, Imutex

Formula: $C_3H_4N_2$

PRODUCT INTRODUCTION

Imidazole is a heterocyclic aromatic organic compound. Imidazole is a 5 membered planar ring with chemical formula $C_3H_4N_2$. Imidazole is a base and an excellent nucleophile. It is a white or colourless solid that is soluble in water or polar solvents, producing a mildly alkaline solution.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Crystal
Assay	99.68 %
Water	0.25 %
Melting Point	88.1°C – 89.1 °C

APPLICATIONS

The substituted imidazole derivatives are valuable in treatment of many systemic fungal infections. It belongs to the class ofazole antifungals, which includes ketoconazole, miconazole, and clotrimazole.

PACKAGING OPTIONS

Drums

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