

### ★ Storage

Store at room temperature.

### ✎ Contents

- Product Manual
- Imidazole,  $\geq 99\%$

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

### ★ Shipping Condition

Ship on ambient.

### ★ Introduction

Imidazole is a five-membered heterocycle that is found in many naturally occurring compounds. It exhibits both acidic and basic properties. It is reported to be an inhibitor of thromboxane formation. Its vertical spectrum and the radiationless decay have been recorded and analyzed.

### ★ Chemical Properties

**Biological/Physiological Actions:** Inhibitor of thromboxane formation

**Application:** Protein purification

**CAS Number:** 288-32-4

**Chemical Formula:** C<sub>3</sub>H<sub>4</sub>N<sub>2</sub>

**Molecular Weight:** 68.1

**Alternate Name:** [Glyoxaline] [1,3-Diaza-2,4-cyclopentadiene]

**Purity:** >99%

**Form:** Powder

**Solubility:** Water soluble

### ★ Chemical Properties

Specification	
Appearance	White crystal
Assay(GC)	$\geq 99\%$
Loss on Drying	$\leq 0.5\%$
Melting Point	87.0 to 91 oC
Optical at 260NM	$\leq 0.2$
Pka(25°C)	6.79 to 7.19
DNase	Not detected
RNase	Not detected

### ★ Related Products

Product Name	Cat No
Albumin, (IgG, Fatty Acid and Protease Free)	A0100
AffSelect Cox IV Loading Control Antibody	A0017
AffSelect GAPDH Loading Control Antibody, 100ug	A0039
AffSelect Beta-Actin Loading Control Antibody, 100ug	A0042
AffSelect a-Tubulin Loading Control Antibody, 100ug	A0050
Affiselect Total Protein Extraction Solution	A0710
NP-40 Lysis Buffer (2X)	N1200
Puredown Protein A-Agarose, BSA Blocked	P9201
Puredown Protein G-Agarose, BSA Blocked	P9202
Puredown Protein A/G-Agarose, BSA Blocked	P9203
RIPA Cell Lysis Buffer (1X) with EDTA	R4100