

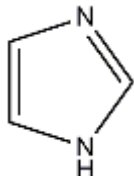
## Imidazole, MegaPure™

**ALTERNATE NAME:** 1,3-Diazacyclopenta-2,4-diene; 1,3-diazole

**CATALOG #:** 1802-25G, 100G

**AMOUNT:** 25 g, 100 g

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>3</sub>H<sub>4</sub>N<sub>2</sub>

**MOLECULAR WEIGHT:** 68.08

**CAS NUMBER:** 288-32-4

**APPEARANCE:** White solid

**SOLUBILITY:** H<sub>2</sub>O (100 mg/ml)

**PURITY:** ≥99% by TLC

**HEAVY METALS:** <1 ppm

**STORAGE:** Store at room temperature

**DESCRIPTION:** An excellent buffer in the pH range of 6.2-7.8. Imidazole has a pKa of 7.0 at 20°C.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

- Acetic Acid (50 mM) (Cat. No. 2112-2, 20)
- Cell Lysis Buffer (Cat. No. 1067-100, 400)
- EDTA Solution, pH 8.0 (Cat. No. 2103-100)
- Magnesium Chloride, 1 M (Cat. No. 2105-100)
- Phosphate Buffered Saline (PBS) (Cat. No. 2113-500)
- Potassium Chloride, 1 M (Cat. No. 2115-100)
- SDS Solution (10% in H<sub>2</sub>O) (Cat. No. 2102-100)
- Sodium Acetate (Cat. No. 2118-100)
- Sodium Chloride Solution (Cat. No. 2101-100)
- Tris-HCl (pH 6.8) (Cat. No. 2106-100)
- Tris-HCl (pH 8.8) (Cat. No. 2107-100)