

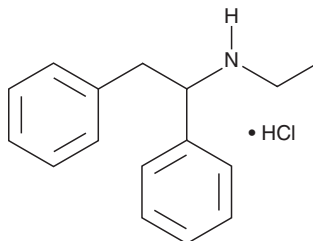
# PRODUCT INFORMATION



## Ephenidine (hydrochloride)

Item No. 18327

**CAS Registry No.:** 6272-97-5  
**Formal Name:** N-ethyl- $\alpha$ -phenyl-benzeneethanamine, monohydrochloride  
**Synonyms:** EPE, N-Ethyl-1,2-diphenylethylamine, NEDPA, NSC 33648  
**MF:**  $C_{16}H_{19}N \cdot HCl$   
**FW:** 261.8  
**Purity:**  $\geq 98\%$   
**Supplied as:** A neat solid  
**Storage:**  $-20^{\circ}C$   
**Stability:**  $\geq 2$  years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Description

Ephenidine (hydrochloride) (Item No. 18327) is an analytical reference material that is structurally categorized as a phenethylamine. Its metabolism in rats, as well as the detection of metabolites in urine, has been described.<sup>1</sup> The physiological and toxicological properties of this compound are not known. This product is intended for research and forensic applications.

This product is qualified as a Reference Material that has been manufactured and tested to ISO/IEC 17025 and ISO 17034 international standards.

### Reference

1. Wink, C.S., Meyer, G.M., Wissenbach, D.K., *et al.* Lefetamine-derived designer drugs N-ethyl-1,2-diphenylethylamine (NEDPA) and N-iso-propyl-1,2-diphenylethylamine (NPDPA): Metabolism and detectability in rat urine using GC-MS, LC-MSn and LC-HR-MS/MS. *Drug Test. Anal.* **6**(10), 1038-1048 (2014).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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