

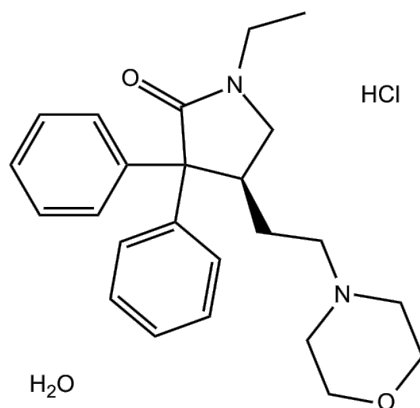
Certificate of Analysis

Product Name: Doxapram HCl
Cat. No.: GC13976
Batch No.: 1
Chemical Name: 1-ethyl-4-(2-morpholin-4-ylethyl)-3,3-diphenylpyrrolidin-2-one;hydrate;hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 7081-53-0
Molecular Formula: $C_{24}H_{30}N_2O_2 \cdot HCl \cdot H_2O$
Molecular Weight: 432.98
Storage: Store at $-20^{\circ}C$

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >99.50%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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