

For Research Use Only

# Doxapram hydrochloride hydrate



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Catalog Number: CM00946

## 产品信息

**Catalog Number:**  
CM00946

**CAS号:**  
7081-53-0

**分子式:**  
 $C_{24}H_{33}ClN_2O_3 \cdot (C_{24}H_{30}N_2O_2 \cdot ClH \cdot H_2O)_n$

**主要靶点:**  
Potassium Channel

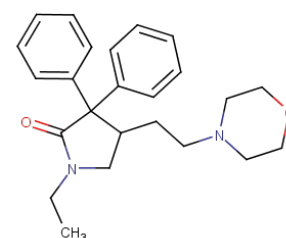
**主要通路:**  
离子通道

**分子量:**  
432.99

**溶解度:**

H<sub>2</sub>O: 23 mg/mL (53.1 mM), Ethanol: 2 mg/mL (4.61 mM), DMSO: 81 mg/mL (187.1 mM)

H<sub>2</sub>O HCl



## 靶点活性

TASK-3: 37  $\mu$  M (EC<sub>50</sub>) | TASK-1: 410 nM (EC<sub>50</sub>) | TASK-1 heterodimeric channel: 9  $\mu$  M (EC<sub>50</sub>)

## 描述

Doxapram hydrochloride hydrate (Doxapram HCl) inhibits TASK-1, TASK-3, TASK-1/TASK-3 heterodimeric channel function with EC<sub>50</sub> of 410 nM, 37  $\mu$  M, 9  $\mu$  M, respectively.

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years

For technical support and original validation data for this product please contact

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