

Doxapram hydrochloride monohydrate

Catalog No: #S0038

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Description

Product Name	Doxapram hydrochloride monohydrate
Brief Description	Inhibitors
Purification	99.74%
Target Name	Potassium Channel inhibitor
Calculated MW	432.99
Formulation	C24H33ClN2O3
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Product Description

Research Area: Respiratory system
SMILES: O=C1CC(CCN2CCOCC2)C(C1=O)(C1=CC=CC=C1)C1=CC=CC=C1
Pathways: Membrane transporter/Ion channel
Receptor: TASK-1; TASK-1/TASK-3 heterodimeric; TASK-3
Boiling pt: Melting pt: Solubility: Ethanol: 2 mg/mL (4.61 mM); Water: 25 mg/mL (57.73 mM); DMSO: 87 mg/mL (200.93 mM)
Appearance: White Powder
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

1. Yost CS. CNS Drug Rev. 2006 Fall-Winter;12(3-4):236-49.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.