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Produktinformation

- Forschungsprodukte & Biochemikalien
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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Naloxone HCl

Opioid Receptor Antagonist
Catalog No. SIH-620

StressMarq Biosciences INC.
Discovery through Partnership | Excellence through Quality

Product Name

Naloxone HCl

Description

Opioid Receptor Antagonist

Purity

>98% (HPLC); NMR (conforms)

CAS No.

357-08-4

Molecular Formula

$C_{19}H_{21}NO_4 \cdot HCl$

Molecular Weight

363.8

Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Antagonist

Solubility

May be dissolved in DMSO (35 mg/ml); water (30 mg/ml)

Source

Synthetic

Appearance

White crystalline powder

SMILES

C=CCN1CCC23C4C(=O)CCC2(C1CC5=C3C(=C(C=C5)O)O4)O.Cl

InChI

InChI=1S/C19H21NO4.ClH/c1-2-8-20-9-7-18-15-11-3-4-12(21)16(15)24-17(18)13(22)5-6-19(18,23)14(20)10-11;/h2-4,14,17,21,23H,1,5-10H2;1H/t14-,17+,18+,19-;/m1./s1

InChIKey

RGPDIGOSVORSAK-STHHAXOLSA-N

Safety Phrases

Classification: Warning.

Hazard Statements: H302
Precautionary Statements: P264 - P270 - P301 + P312 - P501

Cite This Product

Naloxone HCl (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-620)

Biological Description

Alternative Names

5α)-4,5-Epoxy-3,14-dihydro-17-(2-propenyl)morphinan-6-one, hydrochloride

PubChem ID

5464092

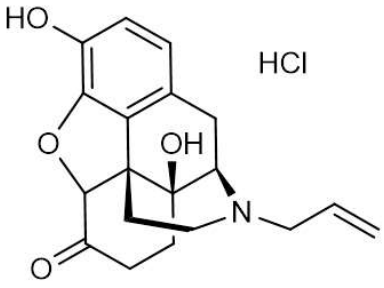
Scientific Background

Pan-opioid receptor antagonist (1). In clinical use in opiate abuse and overdose rescue (2). Blocks opiate-promoted wound healing (3). Attenuates the pruritic response to rimonabant in a rat model (4).

References

1. Le Bourdonnec B.,et al. (2008)Bioorg. Med. Chem. Lett. 18:2006.
2. EW., Boyer (2012) New Engl. J. Med. 367:146.
3. WangY., et al. (2017) Transl. Res. 185:13.
4. Wright FL., and RJ Rodgers (2013) Psychopharmacology (Berl.) 226:415.

Product Images



Product Citations

Reviews

There are no reviews yet.