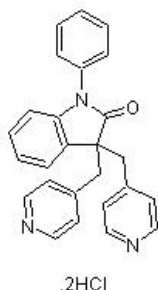


Product datasheet

Linopirdine dihydrochloride, M-type K⁺ current blocker ab145548

Overview

Product name	Linopirdine dihydrochloride, M-type K ⁺ current blocker
Description	M-type K ⁺ current blocker
Biological description	M-type K ⁺ current blocker (IC ₅₀ = 2.4 μM). Water soluble Linopirdine (ab145564) derivative. Neurotransmitter release enhancer. Increases brain acetylcholine release. TRPV1 agonist. Shows cognitive enhancing effects <i>in vivo</i> . Orally active.
Purity	> 98%
CAS Number	113168-57-3
Chemical structure	



Properties

Chemical name	1-Phenyl-3,3-bis(pyridin-4-ylmethyl)indol-2-one dihydrochloride
Molecular weight	464.39
Molecular formula	C ₂₆ H ₂₁ N ₃ O.2HCl
PubChem identifier	14209557
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES

C1=CC=C(C=C1)N2C3=CC=CC=C3C(C2=O)(CC4=CC=NC=C4)CC5=CC=NC=C5.Cl.Cl

Source

Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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