



## IDRA 21 Health Supplement Powder Raw Materials CAS 22503-72-6 For Improving Memory

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Minimum Order Quantity: 10Grams
- Price: USD
- Packaging Details: 1kg/Foil Bag
- Delivery Time: 3-7days after received payment
- Payment Terms: T/T, Western Union, PayPal
- Supply Ability: 5000KG Per Year



#### Product Specification

- Product Name: IDRA 21
- Cas: 22503-72-6
- Appearance: White Powder
- Purity: 99%
- Usage: Improving Memory
- Highlight: IDRA 21 Health Supplement Powder , 22503-72-6



## Product Description

### Health Supplement IDRA 21 Raw Materials For Improving Memory CAS 22503-72-6

#### Product Introduction

Name	IDRA 21
English synonyms	7-Chloro-3,4-dihydro-3-methyl-2H-1,2,4-benzothiadiazine 1,1-dioxide
CAS Number	22503-72-6
Molecular formula	C <sub>8</sub> H <sub>9</sub> ClN <sub>2</sub> O <sub>2</sub> S
Molecular weight	232.69
EINECS number	/

#### Product Description

Melting point	209 °C(Solv: acetic acid (64-19-7))
Specific Rotation	/
Optical Activity	/
Boiling point	405.1±55.0 °C(Predicted)
Density	1.394±0.06 g/cm <sup>3</sup> (Predicted)
Refractive Index	/
Solubility	/
Storage	Store at RT
Acidity coefficient (pKa)	9.78±0.40(Predicted)
Color	White to off-white

#### Product Function

IDRA-21 is an ampakine drug and a benzothiadiazine derivative. IDRA-21 is a chiral molecule, with (+)-IDRA-21 being the active form. IDRA-21 shows nootropic effects in animal studies, significantly improving learning and memory. It is around 10-30 times more potent than aniracetam in reversing cognitive deficits induced by orscopolamine, and produces sustained effects lasting for up to 48 hours after a single dose. The mechanism for this action is thought to be through promoting the induction of long-term potentiation between synapses in the brain. IDRA-21 does not produce neurotoxicity under normal conditions, although it may worsen neuronal damage following global ischemia after stroke or seizures.



#### Application:

1. Increases in cognitive ability.
2. Increased accuracy when completing tasks.
3. Increases in short term memory.
4. IDRA-21 can potentially treat schizophrenia.
5. IDRA-21 can possibly be a treatment for depression.
6. IDRA-21 has a neuroprotective effect, so it can protect the brain from age-related cognitive defects.
7. Increased alertness and wakefulness.

#### Package and Shipping of Pharmaceutical Raw Materials IDRA 21 for Improving Memory CAS 22503-72-6



Shipping:

With 3-5 work days after your payment

**FAQ of Pharmaceutical Raw Materials IDRA 21 for Improving Memory CAS 22503-72-6**

Q1: Do you Accept Sample Order?

A: Yes. The smallest order we accept is 1kg.

Q2: Do you accept VISA business credit card?

A: Yes. VISA business credit card is in our payment .

Q3: Is there any discount?

A: Yes, if you want to purchase larger quantity, we can offer better price for you.

Q4: How long does it take to me if I order?

A: About 3-5 days upon receipt of payment.

Q5: What kind of transportation do you have?

A: We have many ways of transportations, eg: Air, Sea, Special Lines, TNT, FEDEX, EMS, ect.



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