

## Erythristemine Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** Erythristemine

**Catalog No.:** CFN98351

**Cas No.:** 28619-41-2

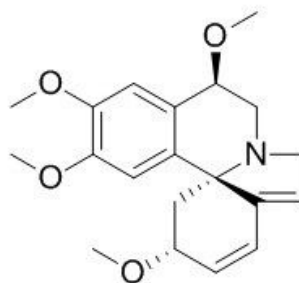
**Purity:** > 95%

**M.F:** C<sub>20</sub>H<sub>25</sub>NO<sub>4</sub>

**M.W:** 343.4

**Physical Description:** Powder

**Synonyms:** (+)-Erythristemine; (10bS)-6 $\alpha$ ,8,9,12 $\beta$ -Tetramethoxy-1,10b-[1]buteno-3,5,6,10b-tetrahydropyrrolo[2,1-a]isoquinoline; 1,2,6,7-Tetrahydro-3 $\beta$ ,11 $\alpha$ ,15,16-tetramethoxyerythrinan.



### [ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

### [ Source ]

The barks of *Aralia chinensis*.

## **[ Biological Activity or Inhibitors ]**

(+)-Erythristemine shows moderate toxicity to brine shrimp (LC50 23 ppm) and moderate (IC<sub>50</sub>=86microg/ml) radical scavenging properties against stable 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical.<sup>[1]</sup>

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

## **[ HPLC Method ]**

Not data available.

## **[ Storage ]**

2-8°C, Protected from air and light, refrigerate or freeze.

## **[ References ]**

[1] Juma B F, Majinda R R T. *Phytochemistry*,2004 May;65(10):1397-404.

## **[ Contact ]**

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