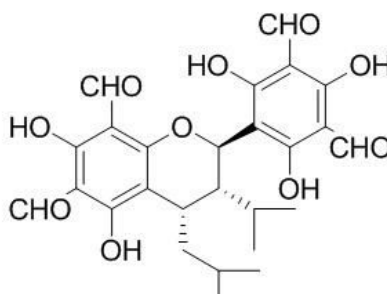


# Sideroxylonal A Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)

## [ Product Information ]

**Name:** Sideroxylonal A**Catalog No.:** CFN99601**Cas No.:** 145382-68-9**Purity:** >95%**M.F:** C<sub>26</sub>H<sub>28</sub>O<sub>10</sub>**M.W:** 500.5**Physical Description:** Powder**Synonyms:** 3-Epi-Sideroxylonal B;4-Epi-Sideroxylonal C;8-Formylloxophlebal A.

## [ Intended Use ]

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

## [ Source ]

The branch of *Eucalyptus globulus*.

## [ Biological Activity or Inhibitors ]

Sideroxylonal A, isolated from the benzene extract of the leaves of *Eucalyptus grandis*, is

a highly potent repellent.<sup>[1]</sup>

## **[ Solvent ]**

Pyridine, Methanol, Ethanol, etc.

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: 0.1% Trifluoroacetic acid- Acetonitrile=7:93 ;

Flow rate: 0.75 ml/min;

Column temperature: 40 °C;

The wave length of determination: 275 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Singh I P, Takahashi K H. *Biosci. Biotech. Biochem.*, 1996, 60(9):1522-3.

[2] Wallis I R, Herit A J, Bart M. Eschler , *et al. Phytochem.Anal.*, 2003, 14(6):360- 5.

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