[ **Product Information** ]

**Name:** Wilfordine

**Catalog No.:** CFN92103

**Cas No.:** 37239-51-3

**Purity:** > 95%

**M.F:** C_{43}H_{49}NO_{19}

**M.W:** 883.9

**Physical Description:** Powder


[ **Intended Use** ]

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

[ **Source** ]

The roots of *Tripterygium wilfordii* Hook. f.
[ Biological Activity or Inhibitors]
Wilfordine is an insecticidally active alkaloid, Na⁺-K⁺-ATPase may be an acting target of wilfordine against some larvae of insect.[1,2]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][3]
Mobile phase: Acetonitrile- 0.02 M Potassium dihydrogen phosphate in water, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 35 °C;
The wave length of determination: 254 nm.

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

[ References ]

[ Contact ]
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