[ **Product Information** ]

**Name:** Integerrimine  
**Catalog No.:** CFN00419  
**Cas No.:** 480-79-5  
**Purity:** > 95%  
**M.F:** C\textsubscript{18}H\textsubscript{25}NO\textsubscript{5}  
**M.W:** 335.40  

**Physical Description:** Powder  
**Synonyms:** (15E)-12-Hydroxysenecionan-11,16-dione;(20E)-12-Hydroxysenecionan-11,16-dione;Squalidine.

---

[ **Intended Use** ]

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

---

[ **Source** ]

The herbs of *Senecio scandens* *Buch.-Ham. ex D. Don.*

---

[ **Biological Activity or Inhibitors** ]
Integerrimine (ITR), a pyrrolizidine alkaloid from Senecio brasiliensis, has recombinogenic activity in somatic cells of Drosophila melanogaster, suggests that ITR shows the genotoxic activity.[1]
Integerrimine has antimitotic action in rats.[2]

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

[ HPLC Method ][3]
Mobile phase: Methanol -H2O-Phosphoric acid-Triethylamine=30:70:0.1:0.05;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 213 nm.

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

[ References ]

[ Contact ]
Address: S5-3 Building, No. 111, Dongfeng Rd., Wuhan Economic and Technological Development Zone, Wuhan, Hubei 430056, China
Email: info@chemfaces.com
Tel: +86-27-84237783
Fax: +86-27-84254680
Web: www.chemfaces.com
Tech Support: service@chemfaces.com