

## Cyclo(Phe-Val) Datasheet

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

### [ Product Information ]

**Name:** Cyclo(Phe-Val)

**Catalog No.:** CFN90274

**Cas No.:** 14474-71-6

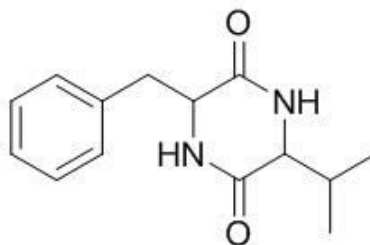
**Purity:** >=98%

**M.F:** C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>

**M.W:** 246.31

**Physical Description:** Powder

**Synonyms:** 2,5-Piperazinedione, 3-benzyl-6-isopropyl-.



### [ Intended Use ]

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

### [ Source ]

From *Penicillium oxalicum*.

### [ Biological Activity or Inhibitors ]

Cyclo(Phe-Val) shows cytotoxic activity in vitro.<sup>[1]</sup>

Cyclo(Phe-Val) is a new cell cycle inhibitor.<sup>[2]</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] Liu H B, Gao H, Wang N L, *et al. Journal of Shenyang Pharmaceutical University*, 2007, 24(8):474-8.

[2] Han B, Li W X, Cui C B. *Journal of Shenyang Pharmaceutical University*, 2015 (2):107-10.

### **[ Contact ]**

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