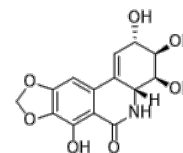


**Product Name** : Narciclasine  
**Cat. No.** : PC-28407  
**CAS No.** : 29477-83-6  
**Molecular Formula** : C<sub>14</sub>H<sub>13</sub>NO<sub>7</sub>  
**Molecular Weight** : 307.26  
**Target** : STAT  
**Solubility** : 10 mM in DMSO



### Biological Activity

Narciclasine is a potent antimitotic substance isolated from Narcissus bulbs, blocks peptide bond formation by eukaryotic ribosomes, activates **Rho** and stress fibers in glioblastoma multiforme cells, modulates the Rho/Rho kinase/LIM kinase/cofilin signaling pathway also degrades **STAT3** by directly binding with the STAT3 SH2 domain.

### References

- Cerioti G. *Nature*. 1967 Feb 11;213(5076):595-6.  
Carrasco L, et al. *FEBS Lett*. 1975 Apr 1;52(2):236-9.  
Lefranc F, et al. *Mol Cancer Ther*. 2009 Jul;8(7):1739-50.  
Lv C, et al. *Mol Ther Oncolytics*. 2022 Jan 3;24:340-354.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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