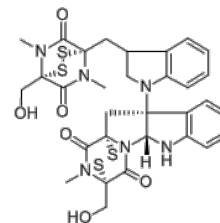


**Product Name** : Chetomin  
**Cat. No.** : PC-62652  
**CAS No.** : 1403-36-7  
**Molecular Formula** : C<sub>31</sub>H<sub>30</sub>N<sub>6</sub>O<sub>6</sub>S<sub>4</sub>  
**Molecular Weight** : 710.9  
**Target** : HIF/HIF Prolyl-hydroxylase  
**Solubility** : 10 mM in DMSO



## Biological Activity

Chetomin (NSC 289491) is a natural product isolated from Chaetomium species which shows antibacterial and antifungal properties, disrupts the interaction of **HIF-1 $\alpha$ /p300** at low nanomolar concentrations, strongly increases retinal pigment epithelial cells differentiation.

## References

- Santos-Aberturas J, et al. *Chem Biol*. 2015 Oct 22;22(10):1406-14.  
Kung AL, et al. *Cancer Cell*. 2004 Jul;6(1):33-43.  
Maruotti J, et al. *Proc Natl Acad Sci U S A*. 2015 Sep 1;112(35):10950-5.

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

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