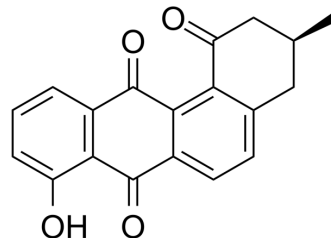


## (+)-Ochromycinone

Cat. No.:	HY-121482
CAS No.:	28882-53-3
Molecular Formula:	C <sub>19</sub> H <sub>14</sub> O <sub>4</sub>
Molecular Weight:	306.31
Target:	STAT
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(+)-Ochromycinone is a natural antibiotic that potently inhibits STAT3. (+)-Ochromycinone is used in the researches of cancers and psoriasis<sup>[1][2]</sup>.

### REFERENCES

[1]. Song H, et al. A low-molecular-weight compound discovered through virtual database screening inhibits Stat3 function in breast cancer cells. Proc Natl Acad Sci U S A. 2005 Mar 29;102(13):4700-5.

[2]. Miyoshi K, et al. Stat3 as a therapeutic target for the treatment of psoriasis: a clinical feasibility study with STA-21, a Stat3 inhibitor. J Invest Dermatol. 2011 Jan;131(1):108-17.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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