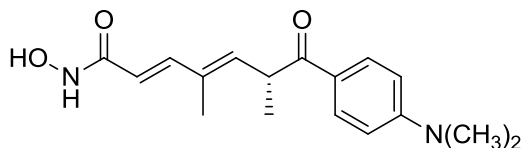


## Trichostatin A

Code No.: **BIA-T1108**

Pack sizes: **1 mg, 5 mg**



Synonyms : A 300I

## Specifications

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| CAS #             | : 58880-19-6                                                           |
| Molecular Formula | : C <sub>17</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub>        |
| Molecular Weight  | : 302.4                                                                |
| Source            | : <i>Streptomyces</i> sp.                                              |
| Appearance        | : White powder                                                         |
| Purity            | : >99% by HPLC                                                         |
| Long Term Storage | : -20°C                                                                |
| Solubility        | : Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility. |

## Application Notes

Trichostatin A is a histone deacetylase inhibitor that enhances the cytotoxic efficacy of anticancer drugs that target DNA. Trichostatin A displays antifungal, antiprotozoan and antitumor activity

## References

1. Effects of trichostatins on differentiation of murine erythroleukemia cells. Yoshida M. et al. Cancer Res. 1987, 47, 3688.

Updated: 2 December 2014