Trichostatin C

Synonyms : 145-A

Specifications
CAS # : 68676-88-0
Molecular Formula : C_{23}H_{32}N_{2}O_{8}
Molecular Weight : 464.5
Source : Streptomyces sp.
Appearance : White Powder
Purity : >95% by HPLC
Long Term Storage : -20°C
Solubility : Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes
Trichostatin C is the first example of a glucopyranosyl hydroxamate from nature. The conjugation may act to protect the less stable N-OH group of Trichostatin A. Trichostatin C displays antifungal, antiprototzoan and antitumour activity, albeit less potent than trichostatin A

References

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