Aclacinomycin A (Aclarubicin)

Cat. # SI9730

**Background:** Aclacinomycin A is a specific inhibitor of the 20S proteasome chymotrypsin-like activity and calpain activity. It acts by forming a stable complex with DNA. It was originally identified as antitumor agent. Cell permeable.

**Application:** Inhibition of 20S proteasome activity.

**Product Information**

- **CAS No.:** 57576-44-0
- **Purity:** >95% (TLC); NMR (Conforms)
- **Molecular Weight:** 811.9
- **Physical State:** Orange powder
- **Quantity:** 10 mg
- **Solubility:** DMSO (30 mg/ml)
- **Storage:** Store desiccated as supplied at 4°C for up to 2 years. Store solutions at -20°C for up to one month.

**Formula:** $C_{42}H_{53}NO_{15}$

**References**