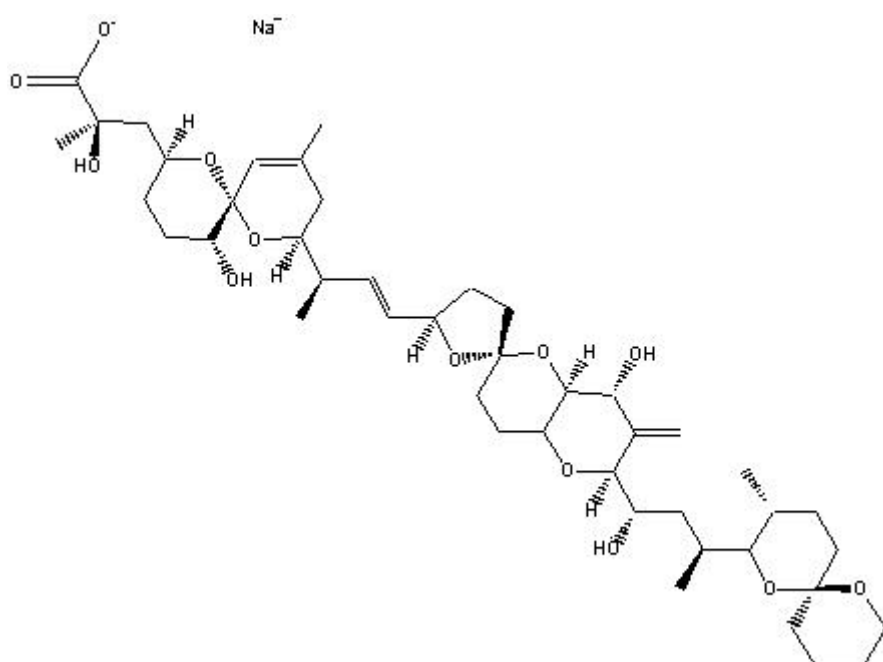


## TECHNICAL INFORMATION

Catalog Number: 158974  
**Okadaic acid, sodium salt**

**Structure:**



**Molecular Formula:** C<sub>44</sub>H<sub>67</sub>NaO<sub>13</sub>

**Molecular Weight:** 827

**CAS # :** 78111-17-8

**Physical Descriptin:** White to off white powder

**Source:** *Prorocentrum concavum*

**Purity:** ≥98%

**Preparation:** Isolated from cultured *Prorocentrum concavum* by preparative flash, medium pressure and high performance liquid chromatography. Salt form generated in aqueous sodium hydroxide methanol solution.

**Stability:** Stable indefinitely as supplied and stored as recommended.

**Description:** Potent inhibitor of serine/threonine-specific protein phosphatases 1 and 2A (PP1 and PP2A) and of 2B at higher concentrations. Does not inhibit protein tyrosine phosphatases or kinases which have been tested.

**Storage:** -20°C

**Solubility:** Water, ethanol, methanol, acetone, ethyl acetate.

**References:**

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- Saganuma, M., et. al., *PNAS*, v. **85**: 1768-1771 (1988).
- Redpath, N.T. and Proud, C.G., *Biochem, J.*, v. **262**: 69-75 (1989).
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