

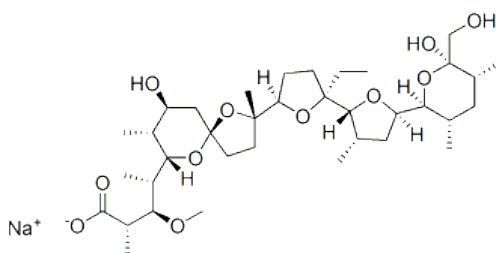


Monensin sodium salt (Coban) Kinase Inhibitor

E1KS2324

Kinase Inhibitor Name: Monensin sodium salt (Coban)**Catalog Number:** E1KS2324**Quantity:** 1g

1. PHYSICAL AND CHEMICAL PROPERTIES

M.Wt: 692.85**Formula:** $C_{36}H_{61}NaO_{11}$ **Solubility:** DMSO <1mg/mL Water <1mg/mL Ethanol ≥ 139 mg/mL**Purity:** >99%**Storage:** at -20°C 2 years**CAS No.:** 22373-78-0**M.Wt:** 692.85**Molecular Structure:**

2. Biological Activity

Monensin sodium salt (Coban), isolated from *Streptomyces cinnamomensis*, is a well-known representative of naturally polyether ionophore antibiotics. Monensin is used extensively in the beef and dairy industries to prevent coccidiosis. Furthermore monensin, but also its derivatives monensin methyl ester (MME), and particularly monensin decyl ester (MDE) are widely used in ion selective electrodes. [1]

3. References:

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.

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