Lasalocid sodium

Product Name: Lasalocid sodium
Product Number: L026
CAS Number: 25999-20-6
Molecular Formula: C_{34}H_{53}NaO_{8}
Molecular Weight: 612.8
Appearance: White solid
Storage Conditions: -20°C

Description:
Lasalocid sodium is a salt of the polyether ionophore lasalocid, with potent antibacterial activity. Lasalocid was developed as an animal health product for treatment of coccidia. Lasalocid is able to form neutral complexes with monovalent and divalent cations and transport the ions through apolar phase, including lipid bilayer membranes. Interestingly, lasalocid can also transport larger organic cations, e.g. protonated dopamine.

Lasalocid sodium is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

References:


