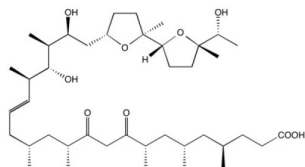


# Ionomycin

Catalogue No.: abx076582



Iononycin is a small molecule which can act as a  $\text{Ca}^{2+}$  ionophore. It is provided as a colorless wax.

This product acts on the following target types: Ionophore, Antibiotic.

This product acts on the following biochemical pathways: Calcium signaling, JNK pathway, Apoptosis inducer.

This product may be of interest in the following research areas and diseases: Cellular stress, Infectious disease, Cell death.

Please note that our chemical products are for scientific research use only in a laboratory and are not for medical or veterinary use. This product can only be dispatched to a scientific business or laboratory address.

Solubility: 10 mg/ml in DMSO or 30 mg/ml in Ethanol.

<b>Target:</b>	Iononycin
<b>Form:</b>	Solid
<b>Purity:</b>	> 99% (TLC). Conforms to structure by NMR.
<b>Reconstitution:</b>	Soluble in DMSO (up to 10 mg/ml) or in Ethanol (up to 10 mg/ml).
<b>Storage:</b>	Store desiccated at -20 °C for up to 2 years. Solutions can be stored at -20 °C for up to 2 months.
<b>Molecular Weight:</b>	709.0 g/mol
<b>Molecular Formula:</b>	$\text{C}_{41}\text{H}_{72}\text{O}_9$
<b>Buffer:</b>	Not applicable.
<b>CAS Number:</b>	56092-81-0
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.