



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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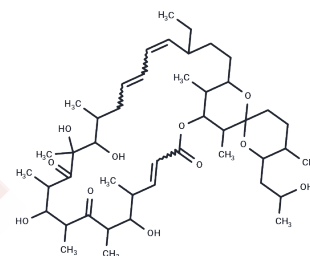
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Oligomycin

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 1404-19-9 |
| Formula: | |
| Molecular Weight: | |
| Appearance: | no data available |
| Storage: | store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|---|
| Description | Oligomycin is an antifungal antibiotic that is an inhibitor of H ⁺ -ATP synthetase. The Oligomycin blocks oxidative phosphorylation and the electron transport chain. Oligomycin inhibited HIF-1alpha expression in hypoxic tumor cells. |
| Targets(IC50) | HIF |
| In vitro | Oligomycin, an inhibitor targeting the F0 component of H ⁺ -ATP synthase, exhibits suppressive effects on TNF-induced apoptosis. [1] |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 20 mg/mL, Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Reference

Zhou W, et al. Membrane plasticity facilitates recognition of the inhibitor oligomycin by the mitochondrial ATP synthase rotor. *Biochim Biophys Acta Bioenerg.* 2018;1859(9):789-796.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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