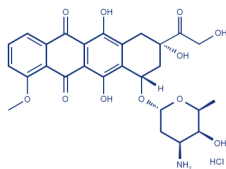


Doxorubicin HCl

Catalogue No.: abx076623



Doxorubicin HCl Chemical Structure

Doxorubicin HCl is a small molecule which can act as a DNA damaging agent by intercalation and inhibition of topoisomerase II. It is provided as a red-orange powder. Melting point: 205 °C.

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

This product acts on the following biochemical pathways: Apoptosis inducer.

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

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.

Target: Doxorubicin HCl

Form: Solid

Purity: > 98% (TLC and HPLC). Conforms to structure by NMR.

Reconstitution: Soluble in Water (up to 25 mg/ml), or in DMSO (up to 30 mg/ml).

Storage: Store desiccated at -20 °C for up to 1 year. Solutions can be stored at -20 °C for up to 3 months.

Molecular Weight: 580.0 g/mol

Molecular Formula: C₂₇H₂₉NO₁₁ · HCl

Buffer: Not applicable.

CAS Number: 25316-40-9

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.