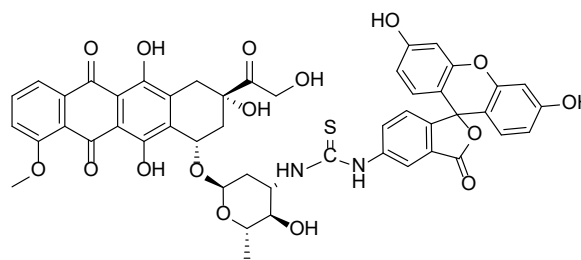


### Fluorescein-Doxorubicin Conjugate

Lyophilized powder or oil film, 1 mg per tube, ≥90%

Product Number: **CM62102**



### Product Description

Doxorubicin is an anticancer drug on the World Health Organization's List of Essential Medicines (the most effective and safe medicines needed in a health system). Medical usage of Doxorubicin includes treatment of breast cancer, bladder cancer, kaposi's sarcoma, lymphoma, and acute lymphocytic leukemia. It intercalates DNA and inhibits macromolecular biosynthesis. This fluorescein-doxorubicin conjugate was first designed and synthesized at CellMosaic® for our customers' usage of detecting doxorubicin or doxorubicin labeled compounds.

The product is sold as 1 vial of 1 mg (Cat#: CM62102-1MG), 5 vials of 1 mg (Cat#: CM62102-5MG), or 10 vials of 1 mg (Cat#: CM62102-10MG). For bulk orders, please contact us for a quote.

### Application

- Fluorescent based assay for the quantitation and detection of doxorubicin-labeled biopolymers (ADC and PDC), doxorubicin prodrugs, and free doxorubicin.
- Indirect and competitive ELISA assay.

### Chemical Information

- **Chemical Name:** Fluorescein–Doxorubicin Conjugate
- **Chemical Formula:** C<sub>48</sub>H<sub>40</sub>N<sub>2</sub>O<sub>16</sub>S
- **Molecular Weight:** 932.91 Da    **CAS Number:** N/A

### Specification

- **Physical Appearance:** orange powder
- **Storage Temp:** -20°C.
- **Purity:** ≥93% (current batch)