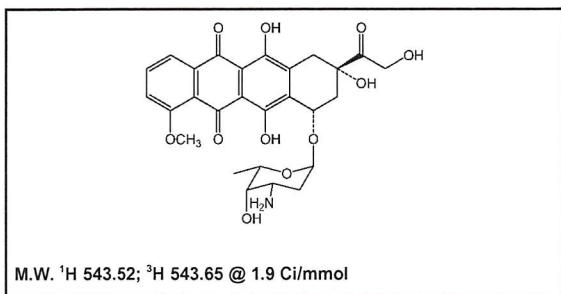


Certificate of Analysis

MT-1963

Doxorubicin, [³H]-



Lot #: 591-137-0019-A-20190423-JPL

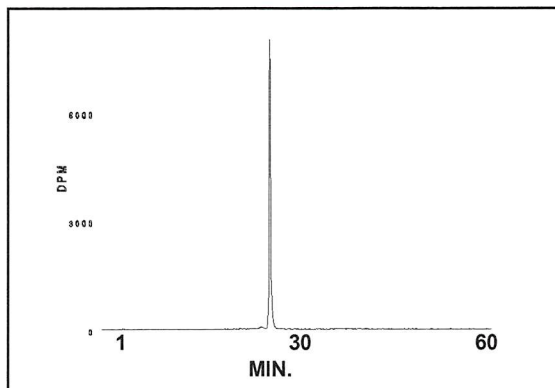
Specific Activity by MS: 1.9 Ci/mmol

Concentration: 1.0 mCi/ml; 286.13 µg/ml

Packaged in: Ethanol solution

Date of Analysis: April 23, 2019

Radiochemical Purity: 97.7%



HPLC ANALYSIS LOT 591-137-0019-A-20190423-JPL
File Name: int56435 Date and Time: 4/23/2019 4:37:26 PM
Unit 5 Radio

Peak #	Area %	Time	Area
1	0.24	21.33000	32.06658
2	0.07	23.01670	9.19151
3	0.18	23.46000	24.17820
4	1.77	24.56000	234.79346
5	97.69	25.93000	12972.70826
6	0.05	27.11330	6.75499
Totals	100.00		13279.69300

Storage Recommendation: Store at -20°C.

Caution: This material was manufactured under research grade conditions and is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not suitable for use in humans or clinical diagnosis. Responsibility for its use and compliance with federal law rests solely with the purchaser. If the compound and/or any associated information/documentation derived from its use could be used for any potential future filings, research grade is not recommended.