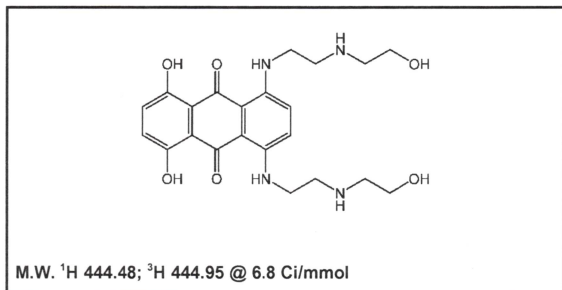


Certificate of Analysis

MT-543

Mitoxantrone, [³H]-



Lot #: 591-088-0068-A-20181113-JPL

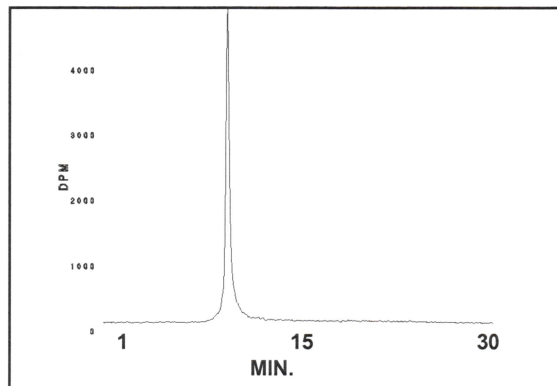
Specific Activity: 6.8 Ci/mmol

Concentration: 1.0 mCi/ml; 65.43 µg/ml

Packaged in: Ethanol solution

Date of Analysis: November 13, 2018

Radiochemical Purity: 94.6%



HPLC ANALYSIS LOT 591-088-0068-A-20181113-JPL
File Name: intW7261 Date and Time: 11/13/2018 2:20:41 P
Unit W Radio

Peak #	Area %	Time	Area
1	2.43	8.82400	314.83942
2	0.13	9.20400	16.69249
3	94.55	9.55600	12241.44278
4	1.05	11.97200	135.42913
5	1.84	12.75200	238.63022
Totals	100.00		12947.03404

Stability and Storage Recommendation: The rate of decomposition is approximately 1%/month for the first six months after purification when stored at -20°C.

Caution: Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.