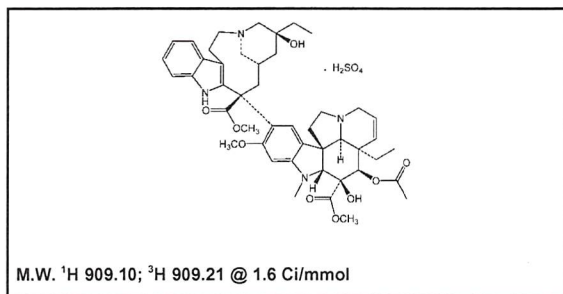


Certificate of Analysis

MT-657

Vinblastine sulfate, [³H]-



Lot #: 374-062-0016-A-20180523-JPL

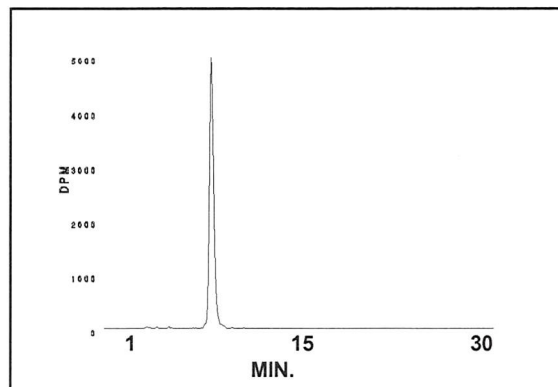
Specific Activity: 1.6 Ci/mmol

Concentration: 0.25 mCi/ml; 142.06 µg/ml

Packaged in: Methanol solution

Date of Analysis: December 17, 2018

Radiochemical Purity: 99.0%



HPLC ANALYSIS LOT 374-062-0016-A-20180523-JPL
File Name: intN6289 Date and Time: 12/17/2018 7:07:36 A
Unit 21 - Radio

Peak #	Area %	Time	Area
1	0.64	7.92000	73.33237
2	98.99	8.27470	11418.18230
3	0.07	8.83470	8.64854
4	0.30	9.04130	34.24701
Totals	100.00		11534.41022

Stability and Storage Recommendation: The rate of decomposition is approximately 2%/month for the first two 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.