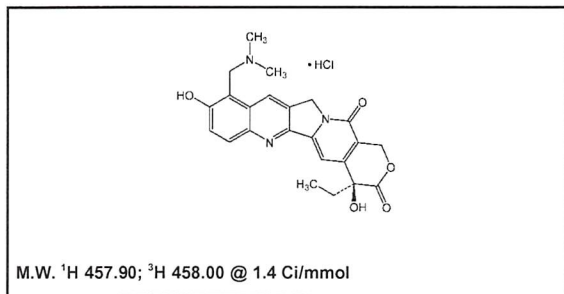


Certificate of Analysis

MT-1884

Topotecan hydrochloride, [³H]-



Lot #: 745-192-0014-A-20110810-JPL

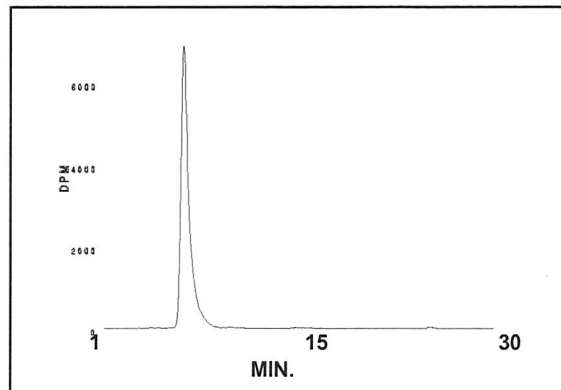
Specific Activity: 1.4 Ci/mmol

Concentration: 1.0 mCi/ml; 327.14 µg/ml

Packaged in: Methanol solution

Date of Analysis: December 5, 2018

Radiochemical Purity: 98.0%



HPLC ANALYSIS LOT 745-192-0014-A-20110810-JPL
File Name: int25615 Date and Time: 12/5/2018 11:42:15 A
Unit 2 Radio

Peak #	Area %	Time	Area
1	0.30	3.61200	95.80201
2	0.14	5.38400	45.90529
3	98.00	6.14400	31179.22291
4	0.06	8.27600	18.70939
5	0.03	8.85200	9.52984
6	0.42	9.78000	134.36097
7	0.03	11.35600	10.94196
8	0.63	14.82800	201.76048
9	0.38	25.22400	120.45203
Totals	100.00		31816.68488

Storage Recommendation: Store 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.