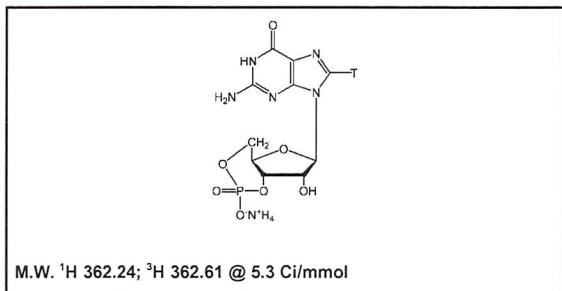


Certificate of Analysis

MT-517

Guanosine 3',5'-cyclic phosphate, ammonium salt, [8-³H]-



Lot #: 373-102-0053-A-20150904-TNG

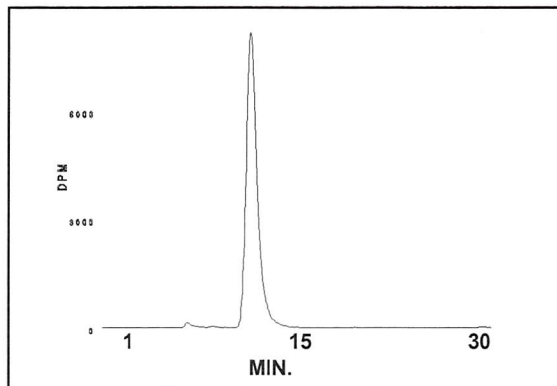
Specific Activity: 5.3 Ci/mmol

Concentration: 1.0 mCi/ml; 68.42 µg/ml

Packaged in: Ethanol : water (1 : 1) solution

Date of Analysis: October 30, 2018

Radiochemical Purity: 98.3%



HPLC ANALYSIS LOT 373-102-0053-A-20150904-TNG
File Name: int25568 Date and Time: 10/30/2018 12:52:49
Unit 2 Radio

Peak #	Area %	Time	Area
1	1.37	6.63200	669.00987
2	0.02	10.30000	7.76641
3	98.25	11.44000	48063.47596
4	0.02	12.84800	12.05353
5	0.05	13.20000	22.26588
6	0.02	13.59600	11.22691
7	0.01	13.82800	4.95036
8	0.03	14.19600	12.82367
9	0.01	14.52800	6.43065
10	0.03	15.11200	15.79760
11	0.03	15.44400	13.72445
12	0.01	15.92000	3.83057
13	0.03	19.54000	12.35909
14	0.01	26.24400	4.68191
15	0.13	29.16000	61.42842
Totals	100.00		48921.82528

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.