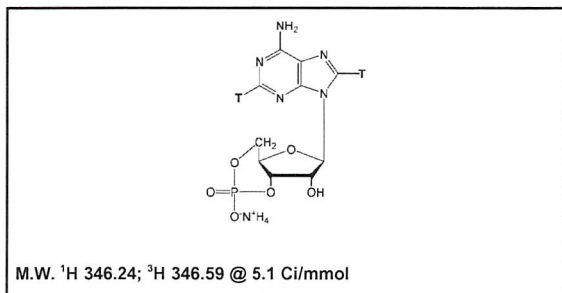


Certificate of Analysis

MT-616

Adenosine 3',5'-cyclic phosphate, ammonium salt, [2,8-³H]-



Lot #: 372-146-0051-A-20100308-DG

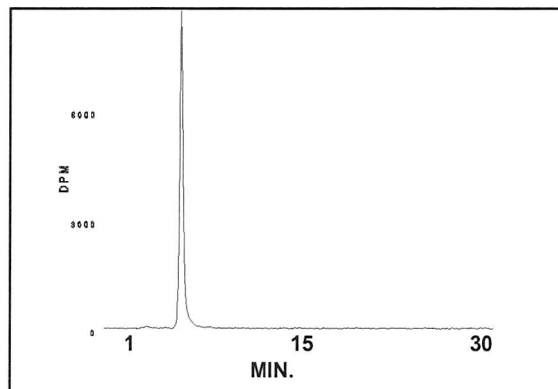
Specific Activity: 5.1 Ci/mmol

Concentration: 1.0 mCi/ml; 67.96 µg/ml

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

Date of Analysis: February 25, 2019

Radiochemical Purity: 98.4%



HPLC ANALYSIS LOT 372-146-0051-A-20100308-DG
File Name: int47862 Date and Time: 2/25/2019 1:24:40 PM
Unit 4 Radio

Peak #	Area %	Time	Area
1	0.94	3.34000	167.43284
2	98.36	5.97000	17572.78401
3	0.06	6.47330	11.18529
4	0.07	6.88000	12.84319
5	0.07	7.11000	13.32277
6	0.12	7.43000	20.74146
7	0.10	8.02670	18.31555
8	0.28	8.12670	49.60191
Totals	100.00		17866.22702

Stability and Storage Recommendation: The rate of decomposition is approximately 0.5%/month for the first six months after purification when stored 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.