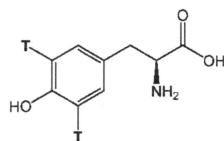


Certificate of Analysis

MT-887

L-Tyrosine, [ring-3,5-³H]-



M.W. ¹H 181.20; ³H 184.13 @ 42.2 Ci/mmol

Lot #: 945-183-0422-A-20110927-TNG

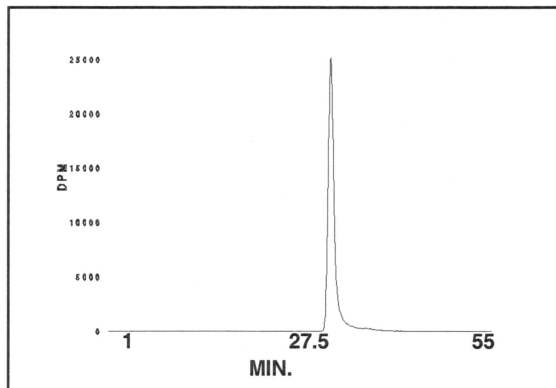
Specific Activity: 42.2 Ci/mmol

Concentration: 1.0 mCi/ml; 4.36 µg/ml

Packaged in: Ethanol : water (2 : 98) solution

Date of Analysis: November 8, 2019

Radiochemical Purity: 100%



HPLC ANALYSIS LOT 945-183-0422-A-20110927-TNG

File Name: int64157 Date and Time: 11/8/2019 3:15:20 PM

Unit 6 Radio

Peak #	Area %	Time	Area
1	99.48	31.93830	158725.07104
2	0.06	35.09170	91.81357
3	0.04	36.18670	64.75177
4	0.34	36.86670	546.92617
5	0.08	38.05500	127.84076
Totals	100.00		159556.40331

Stability and Storage Recommendation: The rate of decomposition is approximately 1%/month for the first six months after purification when stored at 0-5°C.

Quality Level Disclaimer: Results were obtained utilizing non-qualified instrumentation, methods that have not been validated or transferred, and analyses not performed according to a formal, documented, analytical protocol.

When handling this radiochemical, please refer to the safe handling of isotopes document provided with your shipment. If the document is misplaced, a link to a copy is available at www.moravek.com/customer-service.

In addition to the hazard connected with radiation, this compound also has chemical safety characteristics that need to be taken into account before it can be safely worked with. For assistance with designing a safe working environment and procedures for this and all chemicals at your workplace, please contact OSHA at 800-321-6742(OSHA) or https://www.osha.gov/html/Feed_Back.html.

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 material is not recommended.