

Letter to the Editor

Complex organic molecules in diffuse clouds along the line of sight to Sagittarius B2 (Corrigendum)

V. Thiel¹, A. Belloche¹, K. M. Menten¹, R. T. Garrod², and H. S. P. Müller³

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Corby (2016) reported the detection of several complex organic molecules in absorption at various velocities toward Sgr B2 based on the PRIMOS survey¹. In particular, she detected HC₃N, CH₃CHO, and NH₂CHO in the Scutum arm at a systemic velocity of about 25 km s⁻¹, but CH₃OH was not detected in absorption at this velocity due to contamination with maser emission. Therefore, the detections of CH₃OH and CH₃CN in the Scutum arm reported in Thiel et al. (2017) remain new, and they confirm the presence of complex organic molecules in spiral arm clouds outside the galactic center first reported by

Corby (2016). We became aware of the PRIMOS results of Corby (2016) on complex organic molecules only after the publication of Thiel et al. (2017). The results and conclusions of our Letter are not affected.

References

Corby, J. 2016, PhD Thesis, University of Virginia Thiel, V., Belloche, A., Menten, K. M., Garrod, R. T., & Müller, H. S. P. 2017, A&A, 605, L6

¹ Max-Planck-Institut für Radioastronomie, Auf dem Hügel 69, 53121 Bonn, Germany e-mail: vthiel@mpifr-bonn.mpg.de

² Departments of Chemistry and Astronomy, University of Virginia, Charlottesville, VA 22904, USA

³ I. Physikalisches Institut, Universität zu Köln, Zülpicher Str. 77, 50937 Köln, Germany

http://www.cv.nrao.edu/PRIMOS