



Erratum: “A Simple and Accurate Network for Hydrogen and Carbon Chemistry in the Interstellar Medium” (2017, ApJ, 843, 38)

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A typographical error was made in the rate coefficient of reaction 1 in Table 1 of the published article. In the factor in front of the summation term, the exponent of T should be $-3/2$ instead of $3/2$. When corrected, the first line of the table should read as below. Note that all of the calculations in the published article were based on the correct version of this formula.

We are grateful to Simon Glover for pointing out this publication error.

Table 1
List of Collisional Chemical Reactions

No.	Reaction	Rate Coefficient ^a	Notes	Reference ^b
1	$\text{H}_3^+ + \text{C} \rightarrow \text{CH}_x + \text{H}_2$	$1.04 \times 10^{-9} (300/T)^{0.00231} +$ $T^{-3/2} \sum_{i=1}^4 c_i \exp(-T_i/T)$ $c_i = [3.40 \times 10^{-8}, 6.97 \times 10^{-9}, 1.31 \times 10^{-7}, 1.51 \times 10^{-4}]$ $T_i = [7.62, 1.38, 2.66 \times 10^1, 8.11 \times 10^3]$ \vdots	$\text{H}_3^+ + \text{C} \rightarrow \text{CH}^+ + \text{H}_2$ and $\text{H}_3^+ + \text{C} \rightarrow \text{CH}_2^+ + \text{H}$	1

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