

Chemical CAS Nr. Abbreviation Solvent Notes Source of agar plate Ames test data	Isobutyraldehyde 78-84-2 – DMSO – NTP database	Legend ○ agar plate Ames test (–S9) △ agar plate Ames test (+10% S9) □ agar plate Ames test (+30% S9) ● Ames MPF™ (–S9) ■ Ames MPF™ (+30% S9) negative weakly positive/equivocal positive
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Data Analysis
 Ames MPF™ data were analyzed according to the criteria described in [1].
 Whenever available, the original evaluations of the agar plate Ames tests are reported. If no evaluation was provided, the criteria from [1] were applied.
 [1]: [Spiliotopoulos & Koelbert. 2020. Mutat Res. 856–857:503218.](#)

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