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Table 1. Comparison of the fitted potential energy surfaces and ab initio benchmark electronic energy calculations

Species	CBS	CV	G3
Acetaldehyde	0.0	0.0	0.0
<ol><li>Vinyl alcohol</li></ol>	9.1	9.6	13.5
<ol><li>Hydroxyethylidene</li></ol>	50.8	51.2	54.0

nomenclature for the TSs refers to the numbered species in the table.

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$$(x+y)^3 = (x+y)(x+y)^2$$
  
=  $(x+y)(x^2 + 2xy + y^2)$   
=  $x^3 + 3x^2y + 3xy^3 + x^3$ . [1]

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