

Step	Method conditions	Reactants (absolute Eh)	Products (absolute Eh)	Delta E (kcal/mol)	Delta H (kcal/mol)	Delta G (kcal/mol)
r1	vibe-qc dlpno-ccsd(t)/cc-pvdz sp { "options": { "dlpno_ccsd_options": { "dlpno_thresholds": "tight", "triples_mode": "t1"}, "frozen_core": "chemical"}, "triples_algorithm": "rotated-occupied (T1) compatibility correction"} }	1 x m1 E = -155.538523852669 queue replay: b1caa5217826	1 x m3 E = -233.966760169813 queue replay: b3125e4ae448	-45.541	—	—

Absolute energies: 12 decimal places in hartree; deltas: 3 in kcal/mol. Dash: unavailable, not zero. CSV retains full numeric precision and source provenance. Operator review warnings: External RHF-to-UHF instability retained. No unrestricted stability, global-minimum, external correlated-accuracy or full campaign PASS claim.; External RHF-to-UHF instability retained. No unrestricted stability, global-minimum, external correlated-accuracy or whole campaign PASS claim.; Revalidated unchanged calculation with the structured correlated-energy reader; the original validator rejection remains in the archive.