

Electronic Supporting Information

Photoelectrochemical valorisation of organic waste for the cogeneration of solar fuels and value-added chemicals

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Table S1 Gibbs free energies of formation (ΔG_f^0) of the substance at standard conditions.

Substance	Formula	ΔG_f^0 (kJ mol ⁻¹)	Ref
Hydrogen	H ₂	0	1
Oxygen	O ₂	0	2
Water	H ₂ O	-237.1	2
Hydroxyl anion	OH ⁻	-135.32	3
Formic acid	HCOOH	-361.4	2
Ethylene glycol	C ₂ H ₆ O ₂	-304.7	4
Glycolic acid	C ₂ H ₄ O ₃	-436.6	5
Glycerol	C ₃ H ₈ O ₃	-438.52	6
Dihydroxyacetone	C ₃ H ₆ O ₃	-428.18	7
Glyceraldehyde	C ₃ H ₆ O ₃	-401.22	8
Glucose	C ₆ H ₁₂ O ₆	-793.74	9
Gluconic acid	C ₆ H ₁₂ O ₇	-959.96	10
Glucaric acid	C ₆ H ₁₀ O ₈	-1088.88	11

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