

Supplementary Material

Selenium-doped carbon materials: Synthesis and applications for sustainable technologies

Table S1. The most common Se precursors utilized for carbon materials doping.

Se precursor	Reference
Inorganic	
Se powder	[36], [48], [53], [54], [56], [59], [64], [66], [67], [68], [71], [73], [79], [90], [106], [108], [123], [124], [136]
Selenium dioxide (SeO ₂)	[46], [47], [51], [52], [60], [69], [70], [80], [81], [87], [125], [135]
Sodium selenite (Na ₂ SeO ₃)	[50], [72], [83]
Potassium selenocyanate (KSeCN)	[62], [82]
Selenium sulfide (SeS ₂)	[57]
Organic	
Diphenyl diselenide ((C ₆ H ₅) ₂ Se ₂)	[37], [38], [40], [41], [49], [61], [63]
Benzeneseleninic acid (C ₆ H ₅ SeO ₂ H)	[93], [126]
Benzyl diselenide ((C ₆ H ₅) ₂ (CH ₂) ₂ Se ₂)	[58]
Selenourea ((NH ₂) ₂ CSe)	[39]
2-Formylselenophene (C ₅ H ₄ OSe)	[42]