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适用于HCCI的生物柴油替代混合物简化机理的构建及验证

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Development and Validation of a Reduced Chemical Kinetic Mechanism for HCCI Engine of Biodiesel Surrogate

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The Molecular formula of main species

Species	Molecular formula	Species	Molecular formula
MD	C ₁₁ H ₂₂ O ₂	MDMJ	C ₁₁ H ₂₁ O ₂
MD2J	C ₁₁ H ₂₁ O ₂	MD3J	C ₁₁ H ₂₁ O ₂
MD4J	C ₁₁ H ₂₁ O ₂	MD5J	C ₁₁ H ₂₁ O ₂
MD6J	C ₁₁ H ₂₁ O ₂	MD7J	C ₁₁ H ₂₁ O ₂
MD8J	C ₁₁ H ₂₁ O ₂	MD9J	C ₁₁ H ₂₁ O ₂
MD10J	C ₁₁ H ₂₁ O ₂	MP2D	C ₄ H ₆ O ₂
MD2O	C ₁₁ H ₂₁ O ₃	MD2O2	C ₁₁ H ₂₁ O ₄
MD2OOH4J	C ₁₁ H ₂₁ O ₄	ME2OXO	C ₃ H ₄ O ₃
MD2OOH4O2	C ₁₁ H ₂₁ O ₆	MDKET24	C ₁₁ H ₂₀ O ₅
MDKET24O	C ₁₁ H ₁₉ O ₄	MP2OXO3J	C ₄ H ₅ O ₃
MD2D	C ₁₁ H ₂₀ O ₂	MD3D2J	C ₁₁ H ₁₉ O ₂
MF24D	C ₆ H ₈ O ₂	MF4D2J	C ₆ H ₉ O ₂
MF4D3J	C ₆ H ₉ O ₂	MF4DMJ	C ₆ H ₉ O ₂
C7KET12	C ₇ H ₁₄ O ₃	MP2DMJ	C ₄ H ₅ O ₂