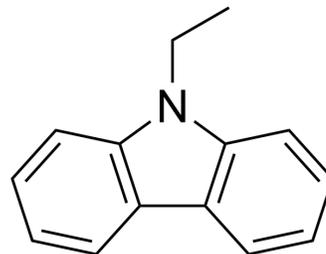


9-Ethylcarbazole

Cat. No.:	HY-W015003
CAS No.:	86-28-2
Molecular Formula:	C ₁₄ H ₁₃ N
Molecular Weight:	195.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

9-Ethylcarbazole (N-Ethylcarbazole) serves as a hydrogen storage material. The introduction of nitrogen (N) into 9-ethylcarbazole can reduce the endothermic nature of the reaction and decrease the dehydrogenation temperature, thereby facilitating the process of hydrogen storage and release^[1].

REFERENCES

[1]. Ye X, et al. Kinetics of 9-ethylcarbazole hydrogenation over Raney-Ni catalyst for hydrogen storage[J]. Journal of Alloys and Compounds, 2011, 509(1): 152-156.

Caution: Product has not been fully validated for medical applications. For research use only.

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