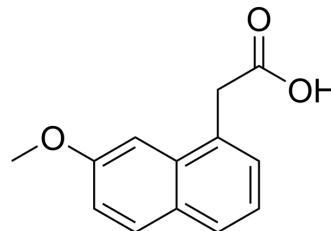


7-Methyl-1-naphthyl acetic acid

Cat. No.:	HY-W003836		
CAS No.:	6836-22-2		
Molecular Formula:	C ₁₃ H ₁₂ O ₃		
Molecular Weight:	216.23		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

7-Methyl-1-naphthyl acetic acid is a potent inhibitor of auxin action in plants. 7-Methyl-1-naphthyl acetic acid inhibits AUX1, PIN, and ABCB protein-mediated auxin transport expressed in yeast. 7-Methyl-1-naphthyl acetic acid can be used in auxin dependent development^[1].

REFERENCES

[1]. Tsuda E, et al. Alkoxy-auxins are selective inhibitors of auxin transport mediated by PIN, ABCB, and AUX1 transporters. J Biol Chem. 2011 Jan 21;286(3):2354-64.

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

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