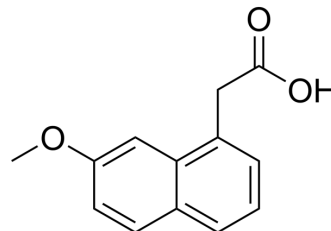


## 7-Methyl-1-naphthyl acetic acid

Cat. No.:	HY-W003836
CAS No.:	6836-22-2
Molecular Formula:	C <sub>13</sub> H <sub>12</sub> O <sub>3</sub>
Molecular Weight:	216.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### 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<sup>[1]</sup>.

### 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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