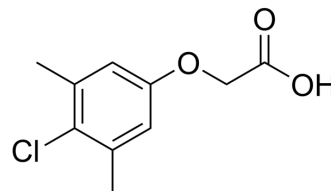


4-Chloro-3,5-dimethylphenoxyacetic acid

Cat. No.:	HY-116833		
CAS No.:	19545-95-0		
Molecular Formula:	C ₁₀ H ₁₁ ClO ₃		
Molecular Weight:	214.65		
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

4-Chloro-3,5-dimethylphenoxyacetic acid (compound 602 UC) is a product of masked amide bond hydrolysis of auxin analog 602 (compound 602).602 can effectively stimulate hypocotyl growth in wild-type seedlings^[1].

REFERENCES

[1]. Savaldi-Goldstein S, Baiga TJ, Pojer F, Dabi T, Butterfield C, Parry G, Santner A, Dharmasiri N, Tao Y, Estelle M, Noel JP, Chory J. New auxin analogs with growth-promoting effects in intact plants reveal a chemical strategy to improve hormone delivery. Proc Natl Acad Sci U S A. 2008 Sep 30;105(39):15190-5.

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

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