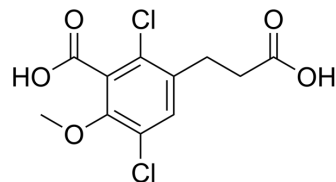


## Dicamba-propionic acid

Cat. No.:	HY-163010
CAS No.:	2892008-18-1
Molecular Formula:	C <sub>11</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>5</sub>
Molecular Weight:	293.1
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Dicamba-propionic acid (DCa3) is a heterologous hapten that can be used to develop high-affinity monoclonal antibodies (mAb) against Dicamba. The Dicamba-propionic acid- developed mAb can be used to determine the residual amount of Dicamba in environmental water samples<sup>[1]</sup>.

### REFERENCES

[1]. López-Puertollano D, et al. Design of a novel hapten and development of a sensitive monoclonal immunoassay for dicamba analysis in environmental water samples. *Sci Total Environ.* 2022 Nov 20;848:157770.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA