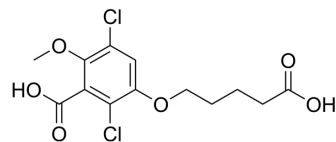


Dicamba-5-hydroxypentanoic acid

Cat. No.:	HY-163013
CAS No.:	2892008-29-4
Molecular Formula:	C ₁₃ H ₁₄ Cl ₂ O ₆
Molecular Weight:	337.15
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dicamba-5-hydroxypentanoic acid (DCo), synthesized from commercially available 5-hydroxy-dicamba, is an immunizing and heterologous hapten. Dicamba-5-hydroxypentanoic acid (DCo) is chemoselectively activated using one equivalent of DSC (N,N- disuccinimidyl carbonate)^[1].

REFERENCES

[1]. Daniel López-Puertollano, 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.

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