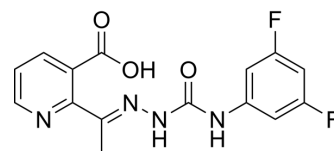


Diflufenzopyr

Cat. No.:	HY-123158
CAS No.:	109293-97-2
Molecular Formula:	C ₁₅ H ₁₂ F ₂ N ₄ O ₃
Molecular Weight:	334.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Diflufenzopyr (SAN 835H) is an auxin transport inhibitor. Diflufenzopyr can enhance the activity of auxin herbicides, such as quinclorac (HY-B0871) and picloram (HY-B2034), and of the synthetic auxin, 1-naphthaleneacetic acid (HY-18570)^{[1][2]}.

REFERENCES

- [1]. Sikkema P H, et al. Biologically effective dose and selectivity of SAN 1269H (BAS 662H) for weed control in corn (*Zea mays*). [J]. Weed Technology, 1999, 13(2):283-289.
- [2]. Grossmann K, et al. On the mechanism of selectivity of the corn herbicide BAS 662H: a combination of the novel auxin transport inhibitor diflufenzopyr and the auxin herbicide dicamba. Pest Manag Sci. 2002 Oct;58(10):1002-14.

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

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