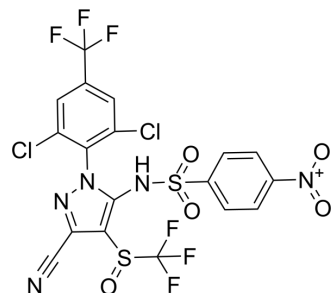


## APS3

Cat. No.:	HY-155381
CAS No.:	1225373-70-5
Molecular Formula:	C <sub>18</sub> H <sub>7</sub> Cl <sub>2</sub> F <sub>6</sub> N <sub>5</sub> O <sub>5</sub> S <sub>2</sub>
Molecular Weight:	622.31
Target:	GABA Receptor; nAChR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	APS3 is a GABA and nACh receptors inhibitor, with a LC <sub>50</sub> of 7.2423 µg/mL against <i>Plutella xylostella</i> <sup>[1]</sup> .
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## REFERENCES

[1]. Yueyue Xu, et al. Design and One-Pot Ultrasound Synthesis of Inorganic Base-Promoted Fluorescent Ligand-Gated Ion Channel Fused Arylpyrazole Sulfonamide Skeletons to Enhance Phloem Mobility and Insecticidal Activity as GABA and nACh Receptors Inhibitors. *J Agric Food Chem.* 2023 Nov 1;71(43):16331-16351.

**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

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