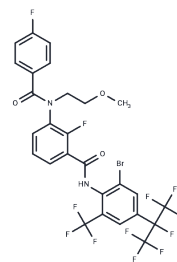


GABA receptor antagonist 2

Chemical Properties

CAS No. :	2922115-20-4
Formula:	C27H17BrF12N2O3
Molecular Weight:	725.32
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	GABA receptor antagonist 2 (Compound IId) is a GABA receptor blocker with an LC50 of 0.0735 µg/mL against <i>Plutella xylostella</i> (<i>P. xylostella</i>). This compound exhibits significant insecticidal activity against <i>P. xylostella</i> and its resistant strains, as well as against <i>Spodoptera frugiperda</i> and <i>Chilo suppressalis</i> . GABA receptor antagonist 2 can bind to the GABA receptor at the <i>Drosophila</i> RdlG335 site and is useful for managing resistant pest populations.
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3787 mL	6.8935 mL	13.787 mL
5 mM	0.2757 mL	1.3787 mL	2.7574 mL
10 mM	0.1379 mL	0.6894 mL	1.3787 mL
50 mM	0.0276 mL	0.1379 mL	0.2757 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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