

GABA receptor Antagonist 1

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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 1 (compound 7w) effectively inhibits the Px RDL1 GABAR at an IC50 of 7.08 nmol/L and demonstrates insecticidal efficacy against <i>P. xylostella</i> , <i>S. frugiperda</i> , <i>S. exigua</i> , and <i>S. litura</i> with respective LC50 values of 0.09, 0.84, 0.87, and 0.68 mg/L. This compound also exhibits moderate toxicity to honeybees (48 h, ID50 = 2.22 µg/adult) and low toxicity to zebrafish (LC50: 42.4 mg/L) [1].
Targets(IC50)	GABA Receptor

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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