Product datasheet

Pyriproxyfen, larvicidal agent ab143444

Overview

Product name
Pyriproxyfen, larvicidal agent

Description
Insect juvenile hormone mimetic. Larvicidal agent.

Biological description
Insect juvenile hormone mimetic. Larvicidal agent. Inhibits maturation in a broad spectrum of insect species and sterilizes adult females. Orally active.

Purity
> 95%

CAS Number
95737-68-1

Chemical structure

![Chemical structure](image)

Properties

Chemical name
2-[1-(4-Phenoxyphenoxy)propan-2-yloxy]pyridine

Molecular weight
321.37

Molecular formula
C_{20}H_{19}NO_{3}

PubChem identifier
91753

Storage instructions
Store at Room Temperature. The product can be stored for up to 12 months.

Handling
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES
CC(COC1=CC=C(C=C1)OC2=CC=CC=C2)OC3=CC=CC=N3

Source
Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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