



Product Information

Product ID C9660

CAS No. 52315-07-8

Chemical Name 3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane- carboxylic acid
cyano(3-phenoxyphenyl)methyl ester

Synonym Ammo, Arrivo, Basathrin, Cymbush, Demon, Ripcord

Formula C₂₂H₁₉Cl₂NO₃

Formula Wt. 416.30

Melting Point 60-80°C

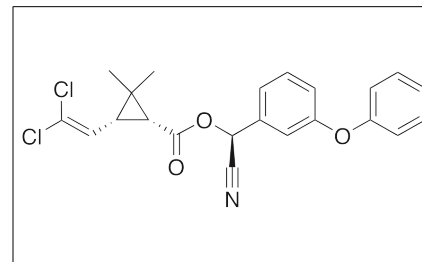
Purity ≥95%

Solubility Soluble in methanol,
acetone, xylene or
methylene dichloride.
Insoluble in water.

Store Temp Ambient

Ship Temp Ambient

Description Cypermethrin is a synthetic type II pyrethroid insecticide. Cypermethrin inhibits protein phosphatases, inducing nerve blockade and paralysis. This compound is neurotoxic and induces astrocyte injury in vitro.



Bulk quantities available upon request

Product ID	Size
C9660	10 mg
C9660	25 mg
C9660	100 mg
C9660	1 g

References Maurya SK, Mishra J, Tripathi VK, et al. Cypermethrin induces astrocyte damage: role of aberrant Ca(2+), ROS, JNK, P38, matrix metalloproteinase 2 and migration related reelin protein. *Pestic Biochem Physiol.* 2014 May;111:51-9. PMID: 24861934.

Gammon DW. Correlations between in vitro and in vivo mechanisms of pyrethroid insecticide action. *Fundam Appl Toxicol.* 1985 Feb;5(1):9-23. PMID: 2985459.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.