

## 1. Identification

### Catalogue Number

TRC-F342210

### Lot Number

1-EAW-27-3

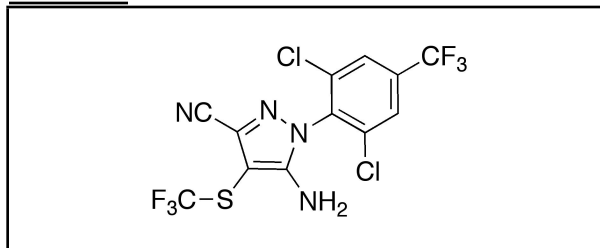
### Product Name

Fipronil Sulfide

### Synonyms

1-(2,6-Dichloro-4-trifluoromethylphenyl)-3-cyano-5-amino-4-(trifluoromethylthio)pyrazole; 5-Amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylthio-1H-pyrazole-3-carbonitrile; MB 45950; 5-Amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-(trifluoromethylthio)pyrazole;

### Structure



### CAS Number

120067-83-6

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>12</sub>H<sub>4</sub>Cl<sub>2</sub>F<sub>6</sub>N<sub>4</sub>S

### Source of Product

Synthetic

### Long Term Storage Conditions

4°C

### Molecular Weight

421.15

### Purity

95%

## 2. Warnings

Not Determined

## 3. Analytical Information

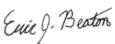


<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Yellow Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 32.50, %H: 0.67, %N: 12.35
HPLC Purity	Report Result	97.07% (205 nm)
MS	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms

### Additional Information

Elemental Analysis: (Theoretical) %C: 34.22, %H: 0.96, %N: 13.30

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.  
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			11/23/2020	11/21/2027
Eric Beaton	Toni Rantanen	My Nguyen		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		