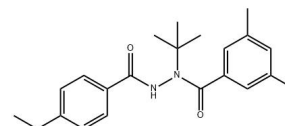


Technical Data Sheet

Tebufenozide

Compound Information

Product Name:	Tebufenozide
CAS No.:	112410-23-8
Molecular Formula:	C ₂₂ H ₂₈ N ₂ O ₂
Molecular Weight:	352.47
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Tebufenozide is a nonsteroidal ecdysone agonist used to control pest. Tebufenozide has cytotoxic and induces apoptosis in HeLa and insect Tn5B1-4 cells.
Form	Solid
Color	White to off-white
Solubility	Chloroform: Slightly Soluble, Methanol: Slightly Soluble
Melting Point	193 - 195°C
Purity (HPLC)	≥ 99%
1H NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.